

**BIOL@GLX®**

*Manufacturer and Supplier of Laboratory Products*

[www.Biologixgroup.com](http://www.Biologixgroup.com)



# Biologix Group Ltd

Biologix Group Limited is committed to the design and manufacture of high quality, reasonably-priced scientific and biomedical supplies. Throughout its long company history, Biologix has excelled at providing top quality laboratory supplies to distributors at logical prices.

Biologix has two brands: Biologix and Cryoking. Biologix brand focuses on offering the traditional regular lab consumables in the field of molecular biology, tissue culture, PCR, histology, microbiology etc; Cryoking brand focuses on the popular Biobank products which is truly the current prevailing trends in the near future.

Biologix most products manufactured in our FDA and ISO certified facilities are certified sterile, DNase and RNase free and non-pyrogenic using the highest quality medical-grade plastic materials. Some of the world's top laboratory supplies, in vitro diagnostic kits, and medical devices are also produced by Biologix as OEM and/or Private Labeled products.

Biologix Group Limited strives to provide our customers with exactly what they are looking for by engaging in market research and participating in continuous new product development. Your products needs and demands are important to us. Our focus is on building long-term relationships, allowing us to have a better understanding of the knowledge and experience your need to be successful in your market.

We have developed a focus on meticulous control and constant improvement and innovation, as well as setting standards of excellence in our industry. We are proud to serve thousands of laboratories, as well as hundreds of distributors, all around the world.





# Ordering and Services

## Private Labeling

Biologix offers a Private Labeling Program, providing high quality, branded lab supplies at very competitive prices. Many Biologix products are currently private labeled and sold worldwide by some of the most prominent brands and distributors.

## OEM Services

Biologix also operates as an OEM provider for plastic laboratory consumables. With through our in-house molding and tooling capabilities, we can provide the exact products needed by our customers at significantly lower costs than other companies can achieve. Biologix currently supplies some of the world's top distributors with its OEM products.

## Ordering Information

### A. Free Product Samples

Let us send you a FREE sample package of our great products. Contact us today if you are interested in trying out Biologix products before you buy.

### B. Distribution

If interested in distribution opportunities, please contact us for distributor terms and pricing. We are accepting distribution opportunities worldwide. Please contact us at [Inquiry@BiologixGroup.com](mailto:Inquiry@BiologixGroup.com).

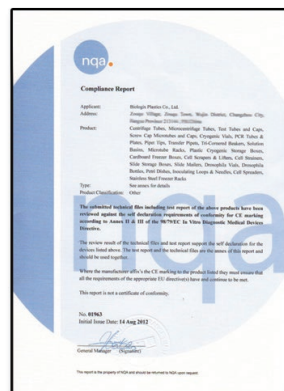
## Guaranteed Quality

## Exceptional Service

## Professional Design

## Logical Pricing

## Certifications



CE



ISO



FDA

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# General Laboratory Supplies

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The General Laboratory Supplies section includes many consumables commonly used in basic laboratory and medical procedures. From centrifuge tubes and test tubes to disposable gloves and microscope slides, many of these general laboratory supplies may have applications in multiple life science fields.





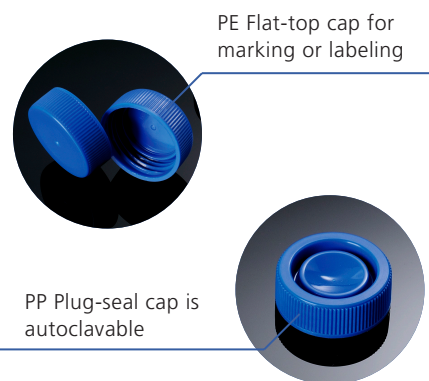


## >> Features

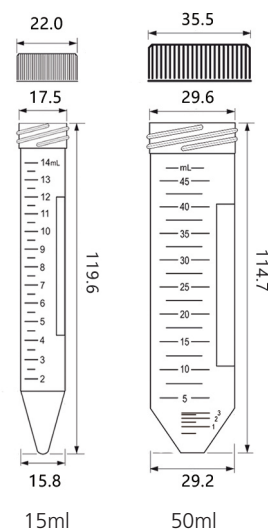
- Tubes: made of strong, highly transparent medical grade polypropylene
- Flat-top caps: made of medical grade polyethylene
- Plug-seal screw on caps: made of medical grade polypropylene
- 15ml and 50ml conical tubes available;
- Large white writing area for easy marking
- Double threaded design reduces cross-threading; caps are easily opened and closed
- Flat-top caps can be written on
- Gamma radiation sterilized, non-pyrogenic, RNase&DNase free
- Available in racked package (sterile) or bulk package (sterile & non-sterile)

## Specifications

- Working temperature: stable from -20°C to 121°C (except flat-top cap)
- 15ml and 50ml tubes can withstand centrifugation of 8,400 and 9,400 RCF respectively
- Sealing test: complies with the International Air Transport Association (IATA) Safety Standards



| Cat #   | Volume | Caps      | Sterile | Package | Unit                     | Total     |
|---------|--------|-----------|---------|---------|--------------------------|-----------|
| 10-9151 | 15ml   | Flat Top  | Yes     | Rack    | 50 /Rack, 10 Racks /Case | 500 /Case |
| 10-9152 | 15ml   | Flat Top  | Yes     | Bulk    | 25 /Bag, 20 Bags /Case   | 500 /Case |
| 10-9501 | 50ml   | Flat Top  | Yes     | Rack    | 25 /Rack, 20 Racks /Case | 500 /Case |
| 10-9502 | 50ml   | Flat Top  | Yes     | Bulk    | 25 /Bag, 20 Bags /Case   | 500 /Case |
| 10-9815 | 15ml   | Flat Top  | No      | Bulk    | 500 /Case                | 500 /Case |
| 10-9850 | 50ml   | Flat Top  | No      | Bulk    | 500 /Case                | 500 /Case |
| 10-0151 | 15ml   | Plug Seal | Yes     | Rack    | 50 /Rack, 10 Racks /Case | 500 /Case |
| 10-0152 | 15ml   | Plug Seal | Yes     | Bulk    | 25 /Bag, 20 Bags /Case   | 500 /Case |
| 10-0501 | 50ml   | Plug Seal | Yes     | Rack    | 25 /Rack, 20 Racks /Case | 500 /Case |
| 10-0502 | 50ml   | Plug Seal | Yes     | Bulk    | 25 /Bag, 20 Bags /Case   | 500 /Case |
| 10-0815 | 15ml   | Plug Seal | No      | Bulk    | 500 /Case                | 500 /Case |
| 10-0850 | 50ml   | Plug Seal | No      | Bulk    | 500 /Case                | 500 /Case |



Dimensions = mm



# Microcentrifuge Tubes



## >> Features

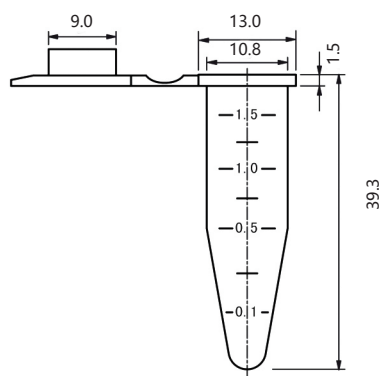
- Made of high quality medical grade polypropylene
- Transparent tube walls permit easy viewing of contents
- Beveled lip for convenient one-handed operation
- Writing area and attached flat cap for labeling

## Specifications

- Working temperature: stable from -20°C to 121°C
- Can withstand high speed centrifugation of 20,000 RCF



80-0020

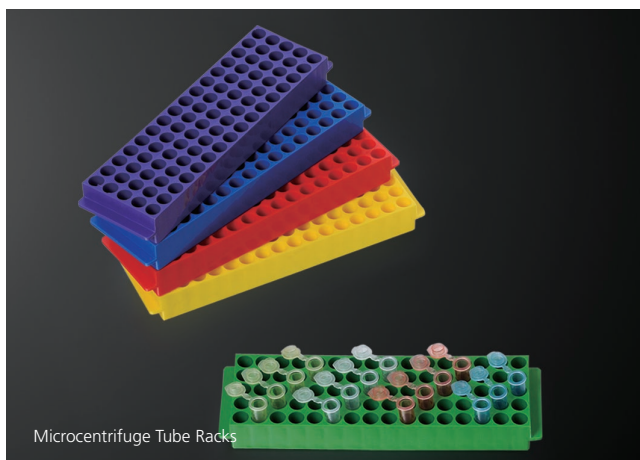


Dimensions = mm

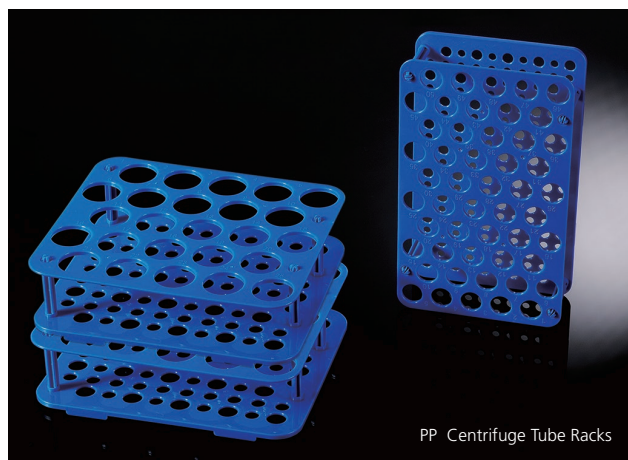
| Cat #    | Volume | Color  | Sterile | RNase & DNase free | Unit                         | Total      |
|----------|--------|--------|---------|--------------------|------------------------------|------------|
| 80-0500  | 0.5ml  | Clear  | No      | Yes                | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 80-0015  | 1.5ml  | Clear  | No      | Yes                | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 80-1500  | 1.5ml  | Clear  | No      | Yes                | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 80-0020  | 2.0ml  | Clear  | No      | No                 | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 80-1501* | 1.5ml  | Red    | No      | Yes                | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 80-1502* | 1.5ml  | Yellow | No      | Yes                | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 80-1503* | 1.5ml  | Blue   | No      | Yes                | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |

\* Call for details

# Centrifuge Tube Racks



Microcentrifuge Tube Racks

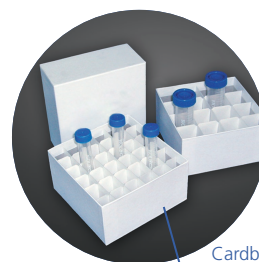


PP Centrifuge Tube Racks

## >> Features

### Microcentrifuge Tube Racks

- Made of high strength plastic, chemically resistant to alcohols and mild organic solvents
- Writing area on side of rack for easy marking
- Handles on each end for secure handling
- 5×16 array, 80 wells, molded with a numeric grid for easy tube identification
- Fit for 1.5ml, 2.0ml microcentrifuge tubes and screw cap tubes



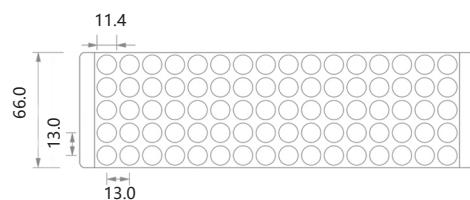
Cardboard Centrifuge Tube Rack  
Working temperature:  
from -196 °C to 121°C

### PP Centrifuge Tube Racks

- Made of high quality medical grade polypropylene
- 50-well racks hold 15ml centrifuge tubes
- 25-well racks hold 50ml centrifuge tubes
- Sturdy design keeps tubes upright

### Cardboard Centrifuge Tube Racks

- Made of durable cardboard with superior white coating, chemically resistant to alcohols and mild organic solvents
- 36-well racks for 15ml centrifuge tubes, 16-well racks for 50ml centrifuge tubes
- Removable lid features a lined writing area

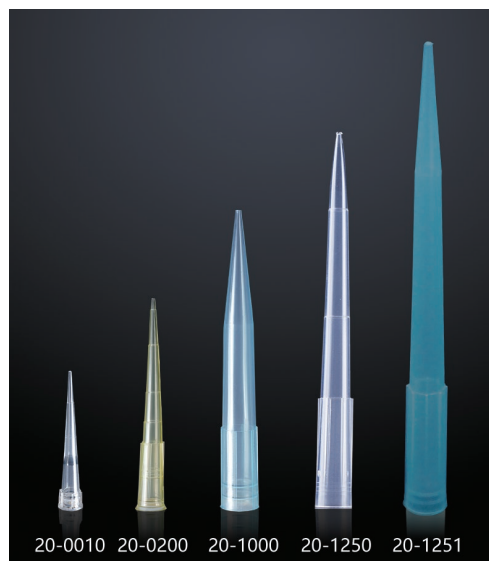


90-8009

Dimensions = mm

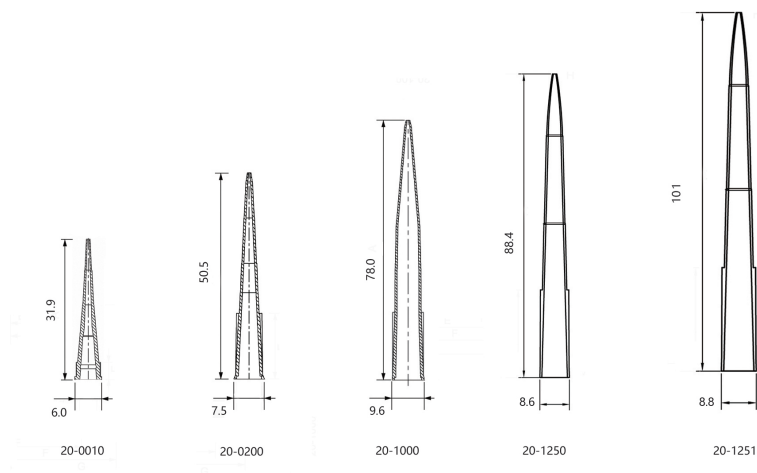
| Cat #   | Well    | Color           | Sterile | Unit                 | Total     |
|---------|---------|-----------------|---------|----------------------|-----------|
| 90-8009 | 80-well | Assorted Colors | No      | 5 /Bag, 4 Bags/Case  | 20 /Case  |
| 90-1536 | 36-well | White           | No      | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-5016 | 16-well | White           | No      | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-1550 | 50-well | Blue            | No      | 1 /Bag, 20 Bags/Case | 20 /Case  |
| 90-5025 | 25-well | Blue            | No      | 1 /Bag, 20 Bags/Case | 20 /Case  |

# Pipet Tips



## >> Features

- Made of polypropylene, autoclavable
- Available in 10µl, 200µl and 1000µl sizes, suitable for standard manual and electronic pipettes
- 10µl and 200µl tips are graduated, 200µl tips have a beveled point design that reduces sample retention  
Extended 1000µl tips facilitate pipetting from deep or narrow containers
- RNase & DNase free, non-pyrogenic
- Available in racked package (sterile) and bulk package (non-sterile)



Dimensions = mm

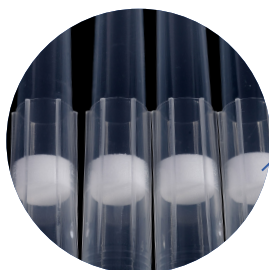
| Cat #   | Volume            | Color   | Sterile | Unit                                   | Total       |
|---------|-------------------|---------|---------|--|-------------|
| 20-0010 | 10µl              | Natural | No      | 1,000 /Bag, 2 Bags /Pack, 5 Packs/Case | 10000 /Case |
| 21-0010 | 10µl              | Natural | Yes     | 96 /Rack, 10 Racks/Pack, 10 Packs/Case | 9600 /Case  |
| 20-0200 | 200µl             | Yellow  | No      | 1,000 /Bag/Pack, 10 Packs/Case         | 10000 /Case |
| 21-0200 | 200µl             | Yellow  | Yes     | 96 /Rack, 10 Racks/Pack, 10 Packs/Case | 9600 /Case  |
| 20-1000 | 1000µl            | Blue    | No      | 1,000 /Bag/Pack, 10 Packs/Case         | 10000 /Case |
| 21-1000 | 1000µl            | Blue    | Yes     | 100 /Rack, 6 Racks/Pack, 10 Packs/Case | 6000 /Case  |
| 20-1250 | 1000µl Extended   | Natural | No      | 1,000 /Bag/Pack, 10 Packs/Case         | 10000 /Case |
| 21-1250 | 1000µl Extended   | Natural | Yes     | 96 /Rack, 6 Racks/Pack, 10 Packs/Case  | 5760 /Case  |
| 20-1251 | 1000µl Extra-Long | Blue    | No      | 1,000 /Bag/Pack, 10 Packs/Case         | 10000 /Case |



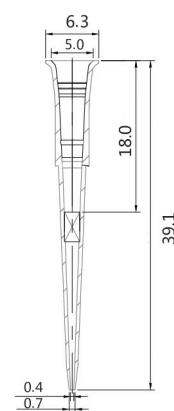


## >> Features

- Tips are made of medical grade polypropylene, and filters are made of highly hydrophobic UHMWPE
- Filters prevent cross-contamination and damage to samples, ensure accurate and precise sample aspiration, and protect the user by preventing sample liquid or vapor from entering the pipette body
- Standard filter tips and low retention filter tips available in all sizes
- Low retention treated tips undergo a coating-free treatment and will not contaminate samples
- All filter tips are autoclavable
- Available in racked package (sterile) and bulk package (non-sterile)
- RNase & DNase free, non-pyrogenic



Small and uniform filter pore size ensures the accuracy and precision of sample aspiration



10µl Dimensions=mm

| Cat #   | Volume | Color   | Sterile | Low Retention | Unit                                   | Total       |
|---------|--------|---------|---------|---------------|--|-------------|
| 22-0010 | 10µl   | Natural | No      | No            | 1,000 /Bag, 2 Bags/Pack, 5 Packs /Case | 10000 /Case |
| 22-0011 | 10µl   | Natural | No      | Yes           | 1,000 /Bag, 2 Bags/Pack, 5 Packs /Case | 10000 /Case |
| 23-0010 | 10µl   | Natural | Yes     | No            | 96 /Rack, 10 Racks/Pack, 10 Packs/Case | 9600 /Case  |
| 23-0011 | 10µl   | Natural | Yes     | Yes           | 96 /Rack, 10 Racks/Pack, 10 Packs/Case | 9600 /Case  |
| 22-0200 | 200µl  | Natural | No      | No            | 1,000 /Bag/Pack, 10 Packs /Case        | 10000 /Case |
| 22-0201 | 200µl  | Natural | No      | Yes           | 1,000 /Bag/Pack, 10 Packs /Case        | 10000 /Case |
| 23-0200 | 200µl  | Natural | Yes     | No            | 96 /Rack, 10 Racks/Pack, 10 Packs/Case | 9600 /Case  |
| 23-0201 | 200µl  | Natural | Yes     | Yes           | 96 /Rack, 10 Racks/Pack, 10 Packs/Case | 9600 /Case  |
| 22-1000 | 1000µl | Natural | No      | No            | 1,000 /Bag/Pack, 10 Packs /Case        | 10000 /Case |
| 22-1001 | 1000µl | Natural | No      | Yes           | 1,000 /Bag/Pack, 10 Packs /Case        | 10000 /Case |
| 23-1000 | 1000µl | Natural | Yes     | No            | 96 /Rack, 6 Racks/Pack, 10 Packs/Case  | 5760 /Case  |
| 23-1001 | 1000µl | Natural | Yes     | Yes           | 96 /Rack, 6 Racks/Pack, 10 Packs/Case  | 5760 /Case  |

# Pipet Tip Compatibility





















| Pipettor Brand/Make             | Volume Range | Volume/Biologix Tip | 0.5-10µl | 20-0010 | 21-0010 | 20-0200 | 21-0200 | 100-1000µl | 20-1000 | 100-1000µl | 21-1000 | 20-1250 | 20-1251 | 21-1250 | 22-0010 | 22-0011 | 23-0010 | 23-0011 | 22-0200 | 22-0201 | 23-0200 | 23-0201 | 100-1000µl | 22-1000 | 22-1001 | 23-1000 |
|---------------------------------|--------------|---------------------|----------|---------|---------|---------|---------|------------|---------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|---------|---------|---------|
|                                 |              |                     |          |         |         |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
| Axygen Axytip (single channel)  | 0.1-2µl      | ✓                   | ✓        |         |         |         |         |            |         |            |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |         |            |         |         |         |
|                                 | 0.5-10µl     | ✓                   | ✓        |         |         |         |         |            |         |            |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |         |            |         |         |         |
|                                 | 2-20µl       |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 5-50µl       |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 10-100µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 20-200µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |         |         |
|                                 | 50-250µl     |                     |          |         |         |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 100-1000µl   |                     |          |         |         |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         | ✓          | ✓       | ✓       |         |
| Axygen Axytip (multichannel)    | 1-10µl       | ✓                   | ✓        |         |         |         |         |            |         |            |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |         |            |         |         |         |
|                                 | 5-50µl       |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 20-200µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |         |         |
|                                 | 50-300µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
| Axygen Axytip-16                | 0.2-2µl      |                     |          |         |         |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 0.5-10µl     |                     |          |         |         |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 5-50µl       |                     |          |         |         |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
| Biohit Proline (single channel) | 0.2-10µl     | ✓                   | ✓        |         |         |         |         |            |         |            |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |         |            |         |         |         |
|                                 | 5-100µl      |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 10-250µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |         |         |
|                                 | 10-500µl     |                     |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓          |         |         |         |         |         |         |         |         |         |         |         |         | ✓          | ✓       | ✓       |         |
|                                 | 50-1000µl    |                     |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓          |         |         |         |         |         |         |         |         |         |         |         |         | ✓          | ✓       | ✓       |         |
| Biohit Proline (multichannel)   | 0.2-10µl     | ✓                   | ✓        |         |         |         |         |            |         |            |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |         |            |         |         |         |
|                                 | 5-100µl      |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |         |         |
|                                 | 25-250µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |         |         |
| Biohit e-Line (single channel)  | 1-10µl       | ✓                   | ✓        |         |         |         |         |            |         |            |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |         |            |         |         |         |
|                                 | 5-120µl      |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 10-300µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 50-1000µl    |                     |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓          |         |         |         |         |         |         |         |         |         |         |         |         | ✓          | ✓       | ✓       |         |
| Biohit e-Line (multichannel)    | 0.2-10µl     | ✓                   | ✓        |         |         |         |         |            |         |            |         |         |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |         |            |         |         |         |
|                                 | 5-120µl      |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 10-300µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
| Biohit m-Line (single channel)  | 0.5-10µl     |                     |          |         |         |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 2-20µl       |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |
|                                 | 10-100µl     |                     |          | ✓       | ✓       |         |         |            |         |            |         |         |         |         |         |         |         |         |         |         |         |         |            |         |         |         |

# Pipet Tip Compatibility

| 0.5-10µl | 0.5-10µl | 20-0010 | 21-0010 | 1-200µl | 20-0200 | 21-0200 | 100-1000µl | 20-1000 | 21-1000 | 100-1000µl | 20-1250 | 21-1251 | 22-0010 | 0.5-10µl | 22-0011 | 0.5-10µl | 23-0010 | 1-200µl | 22-0200 | 1-200µl | 22-0201 | 1-200µl | 23-0200 | 1-200µl | 23-0201 | 100-1000µl | 22-1000 | 100-1000µl | 22-1001 | 100-1000µl | 23-1000 | Volume/Biologix Tip | Volume Range | Pipettor Brand/Make          |                          |  |
|----------|----------|---------|---------|---------|---------|---------|------------|---------|---------|------------|---------|---------|---------|----------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|---------|------------|---------|------------|---------|---------------------|--------------|------------------------------|--------------------------|--|
|          |          |         |         |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              |                          |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     | 20-200µl     | Biohit m-Line (multichannel) |                          |  |
|          |          |         |         |         | ✓       | ✓       | ✓          | ✓       | ✓       |            |         |         |         |          |         |          |         |         |         |         |         |         |         | ✓       | ✓       | ✓          |         |            |         |            |         |                     | 100-1000µl   |                              |                          |  |
| ✓        | ✓        |         |         |         |         |         |            |         |         |            |         |         | ✓       | ✓        | ✓       | ✓        |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 0.5-10µl                 |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 5-100µl                  |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 30-300µl                 |  |
| ✓        | ✓        |         |         |         |         |         |            |         |         |            |         |         | ✓       | ✓        | ✓       | ✓        |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              | 0.2-2µl                      | Capp Aero (multichannel) |  |
| ✓        | ✓        |         |         |         |         |         |            |         |         |            |         |         | ✓       | ✓        | ✓       | ✓        |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              | 0.5-10µl                     |                          |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              |                          | 5-50µl                                   |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              |                          | 10-100µl                                 |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     |              | 25-200µl                     |                          |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     |              | 50-300µl                     |                          |  |
|          |          |         |         |         |         | ✓       | ✓          | ✓       | ✓       | ✓          |         |         |         |          |         |          |         |         |         |         |         |         |         |         | ✓       | ✓          | ✓       |            |         |            |         |                     |              |                              | 100-1000µl               |  |
|          |          |         |         |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 0.2-2µl                  | 384 Format (multichannel)                |
|          |          |         |         |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 0.5-10µl                 |  |
|          |          |         |         |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 5-50µl                   |  |
| ✓        | ✓        |         |         |         |         |         |            |         |         |            |         |         | ✓       | ✓        | ✓       | ✓        |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 0.1-1µl                  | BrandTech Transferpette (single channel) |
| ✓        | ✓        |         |         |         |         |         |            |         |         |            |         |         | ✓       | ✓        | ✓       | ✓        |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              | 0.5-10µl                     |                          |  |
|          |          |         |         |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 2-20µl                   |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 2-20µl                   |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 5-50µl                   |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 10-100µl                 |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     |              | 20-200µl                     |                          |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     |              | 25-250µl                     |                          |  |
|          |          |         |         |         |         | ✓       | ✓          | ✓       | ✓       | ✓          |         |         |         |          |         |          |         |         |         |         |         |         |         | ✓       | ✓       | ✓          |         |            |         |            |         |                     |              |                              | 100-1000µl               |  |
| ✓        | ✓        |         |         |         |         |         |            |         |         |            |         |         | ✓       | ✓        | ✓       | ✓        |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 0.5-10µl                 | BrandTech Transferpette (multichannel)   |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 2-20µl                   |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 2.5-25µl                 |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 5-50µl                   |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 10-100µl                 |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 20-200µl                 |  |
|          |          | ✓       | ✓       |         |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 30-300µl                 |  |
| ✓        | ✓        |         |         |         |         |         |            |         |         |            |         |         | ✓       | ✓        | ✓       | ✓        |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 0.5-10µl                 | Eppendorf Electronic                     |
|          |          |         | ✓       | ✓       |         |         |            |         |         |            |         |         |         |          |         |          |         |         |         |         |         |         |         |         |         |            |         |            |         |            |         |                     |              |                              | 5-100µl                  |  |
|          |          |         | ✓       | ✓       |         |         |            |         |         |            |         |         |         |          |         |          |         | ✓       | ✓       | ✓       | ✓       |         |         |         |         |            |         |            |         |            |         |                     |              | 2-200µl                      |                          |  |
|          |          |         |         |         | ✓       | ✓       | ✓          | ✓       | ✓       |            |         |         |         |          |         |          |         |         |         |         |         |         |         | ✓       | ✓       | ✓          |         |            |         |            |         |                     |              |                              | 50-1000µl                |  |























# Pipet Tip Compatibility

| Pipettor Brand/Make<br>Volume Range         |                    | Volume/Biologix Tip   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |                    | 0.5-10µl  | 0.5-10µl  | 1-200µl   | 1-200µl   | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 0.5-10µl  | 0.5-10µl  | 0.5-10µl  | 0.5-10µl  | 1-200µl   | 1-200µl   | 1-200µl   | 1-200µl   | 100-1000µl  | 100-1000µl  |
|   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Labnet Labpette<br>(single channel)         | 0.1-2µl            | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 0.5-10µl           | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 2-20µl             |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 10-100µl           |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 20-200µl           |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 100-1000µl         |   |   |   |   | ✓   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓   |
| Labnet Labpette<br>(multichannel)           | 1-10µl             | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 5-50µl             |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 20-200µl           |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 50-300µl           |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |
| Labnet BioPette E<br>(single channel)       | 0.5-10µl           | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 2-20µl             | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 10-200µl           |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 100-1000µl         |   |   |   |   | ✓   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓   |
| Labnet BioPette E<br>(multichannel)         | 0.5-10µl           | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 2-20µl             | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 10-200µl           |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 100-1000µl         |   |   |   |   | ✓   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓   |
| MatrixImpact/<br>Impact <sup>®</sup> (s/mc) | 2-125µl            |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 5-250µl            |   |   |   |   |   |   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 15-1250µl          |   |   |   |   |   |   | ✓   | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓   |
| Nichiryo/Oxford<br>Benchmate                | 0.5-10µl           | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | 2-20µl             |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 10-50µl            |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 10-100µl           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 40-200µl           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 100-1000µl         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Rainin EDP3<br>(single channel)             | E-MIC-10,0.5-10µl  | ✓   | ✓   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |
|   | E2-25,2.5-25µl     |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | E2-100,10-100µl    |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | E2-250,25-250µl    |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |   |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | E2-1000,100-1000µl |   |   |   |   | ✓   | ✓   | ✓   | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓   |

# Pipet Tip Compatibility

| 0.5-10µl | 0.5-10µl | 20-0010 | 21-0010 | 20-0200 | 21-0200 | 100-1000µl | 20-1000 | 21-1000 | 100-1000µl | 20-1250 | 21-1250 | 0.5-10µl | 22-0010 | 22-0011 | 0.5-10µl | 23-0010 | 23-0011 | 1-200µl | 22-0200 | 22-0201 | 1-200µl | 23-0200 | 23-0201 | 100-1000µl | 22-1000 | 100-1000µl | 22-1001                  | Volume/Biologix Tip                                  | Volume Range | Pipettor Brand/Make |  |
|----------|----------|---------|---------|---------|---------|------------|---------|---------|------------|---------|---------|----------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|------------|---------|------------|--------------------------|--|--------------|---------------------|--|
|          |          |         |         |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            |                          |  |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | 0.1-10µl                 | Eppendorf Reference (single channel)& (multichannel) |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 2-20µl                   |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 10-100µl                 |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | 20-200µl                 |  |              |                     |  |
|          |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓       |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       | ✓       | ✓       | ✓          | ✓       | ✓          | 100-1000µl               |  |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | 0.1-2.5µl                | Eppendorf Research (single channel)                  |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | 0.5-10µl                 |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 2-20µl                   |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 10-100µl                 |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | 25-200µl                 |  |              |                     |  |
|          |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓       |            |         |         |          |         |         |          |         |         |         |         |         |         |         | ✓       | ✓          | ✓       | ✓          | 100-1000µl               |  |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | 0.5-10µl                 | Eppendorf Research (multichannel)                    |              |                     |  |
|          |          |         |         |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 5-100µl                  |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 50-100µl                 |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | 20-300µl                 |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | 30-300µl                 |  |              |                     |  |
|          |          | ✓       | ✓       | ✓       | ✓       |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         | ✓       | ✓          | ✓       | ✓          | 50-1200µl                |  |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | 0.2-10µl                 | Thermo Scientific Finnpiptette (single channel)      |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | 0.5-10µl                 |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 5-40µl                   |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | 40-200µl                 |  |              |                     |  |
|          |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓       |            |         |         |          |         |         |          |         |         |         |         |         |         |         | ✓       | ✓          | ✓       | ✓          | 100-1000µl               |  |              |                     |  |
|          |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓       |            |         |         |          |         |         |          |         |         |         |         |         |         |         | ✓       | ✓          | ✓       | ✓          | 200-1000µl               |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | 5-50µl                   | Thermo Scientific Finnpiptette (multichannel)        |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | 50-300µl                 |  |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | P2, 0.1-2µl              | Gilson Pipetman (single channel)                     |              |                     |  |
| ✓        | ✓        |         |         |         |         |            |         |         |            |         | ✓       | ✓        | ✓       | ✓       |          |         |         |         |         |         |         |         |         |            |         |            | P10, 0.2-10µl            |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | P20, 2-20µl              |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         |         |         |         |         |         |         |            |         |            | P100, 10-100µl           |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | P200, 20-200µl           |  |              |                     |  |
|          |          |         |         | ✓       | ✓       | ✓          | ✓       | ✓       |            |         |         |          |         |         |          |         |         |         |         |         |         |         | ✓       | ✓          | ✓       | ✓          | P1000, 100-1000µl        |  |              |                     |  |
|          |          | ✓       | ✓       |         |         |            |         |         |            |         |         |          |         |         |          |         |         | ✓       | ✓       | ✓       | ✓       |         |         |            |         |            | P200-M8, 20-200µl (m/ch) |  |              |                     |  |

# Pipet Tip Compatibility

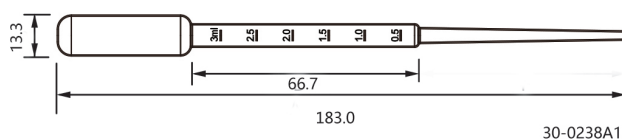
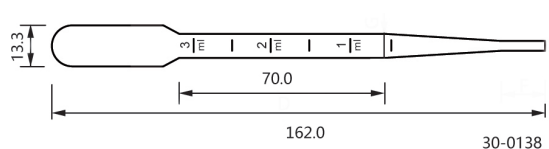
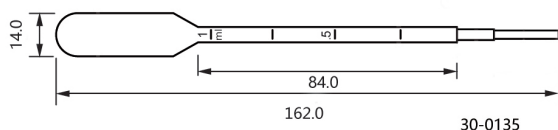
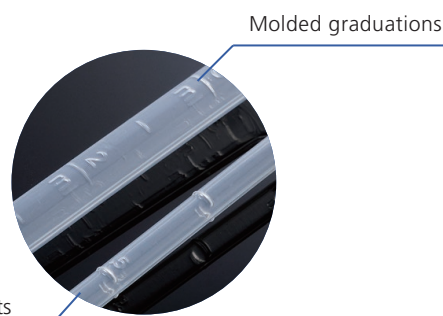
| Pipettor Brand/Make                     |                     | Volume Range | Volume/Biologix Tip   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|---|---------------------|--------------|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|
|   |                     |              | 0.5-10µl  | 0.5-10µl  | 1-200µl   | 1-200µl   | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl   | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  | 100-1000µl  |
|   |                     |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rainin EDP3 (multichannel)              | EP-M8-10, 0.5-10µl  |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | EP-M8-250, 10-250µl |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   | ✓   | ✓   | ✓   | ✓   |   |   |
| Rainin Latch Mode                       | R2, 0.1-2µl         |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | R10, 0.2-10µl       |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | R20, 2-20µl         |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | R100, 10-100µl      |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | R200, 20-200µl      |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  | ✓   | ✓   | ✓   | ✓   |   |   |   |
|   | R1000, 100-1000µl   |              |   |   |   |   | ✓   | ✓   | ✓   | ✓   | ✓   |   |   |   |  |   |   |   |   | ✓   | ✓   | ✓   |
| Socorex Calibra/Accura (single channel) | 0.1-2µl             |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 0.2-2µl             |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 0.5-10µl            |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 1-10µl              |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 2-20µl              |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | 10-100µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | 20-200µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  | ✓   | ✓   | ✓   | ✓   |   |   |   |
|   | 100-1000µl          |              |   |   |   |   | ✓   | ✓   | ✓   | ✓   | ✓   |   |   |   |  |   |   |   |   | ✓   | ✓   | ✓   |
| Socorex Calibra/Accura (multichannel)   | 1-10µl              |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 5-50µl              |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 10-100µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 20-200µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   | ✓   | ✓   | ✓   | ✓   |   |   |
|   | 50-200µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   | ✓   | ✓   | ✓   | ✓   |   |   |
| VWR and VWR Signature (single channel)  | 0.1-2µl             |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 0.5-10µl            |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 2-20µl              |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | 5-50µl              |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | 10-100µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | 20-200µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  | ✓   | ✓   | ✓   | ✓   |   |   |   |
|   | 50-250µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  | ✓   | ✓   | ✓   | ✓   |   |   |   |
| VWR and VWR Signature (multichannel)    | 1-10µl              |              | ✓   | ✓   |   |   |   |   |   |   |   |   |   | ✓   | ✓  | ✓   | ✓   |   |   |   |   |   |
|   | 5-50µl              |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |
|   | 20-200µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  | ✓   | ✓   | ✓   | ✓   |   |   |   |
|   | 50-300µl            |              |   |   | ✓   | ✓   |   |   |   |   |   |   |   |   |  | ✓   | ✓   | ✓   | ✓   |   |   |   |



## >> Features

- Polyethylene pipettes will not shatter or break
- An excellent alternative to Pasteur pipettes and rubber bulbs
- Evenly distributed thickness ensures uniform suction force
- Gamma radiation sterilized option available
- Available wrapped individually (sterile) or in bulk package (non-sterile)

Transparent wall permits easy viewing of pipette contents



Dimensions = mm

| Cat #     | Length  | Graduated To | Sterile | Package              | Unit                    | Total      |
|-----------|---------|--------------|---------|----------------------|-------------------------|------------|
| 30-0135   | 162.0mm | 1ml          | No      | Bulk                 | 500 /Pack, 4 Packs/Case | 2000 /Case |
| 30-0135A1 | 162.0mm | 1ml          | Yes     | Individually Wrapped | 500 /Pack, 4 Packs/Case | 2000 /Case |
| 30-0138   | 162.0mm | 3ml          | No      | Bulk                 | 500 /Pack, 4 Packs/Case | 2000 /Case |
| 30-0138A1 | 162.0mm | 3ml          | Yes     | Individually Wrapped | 500 /Pack, 4 Packs/Case | 2000 /Case |
| 30-0238A1 | 183.0mm | 3ml          | Yes     | Individually Wrapped | 500 /Pack, 4 Packs/Case | 2000 /Case |

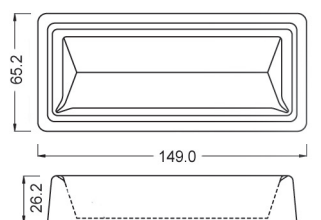


# Solution Basins

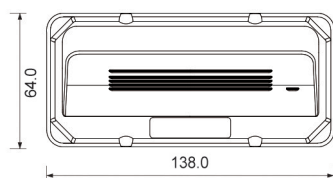


## >> Features

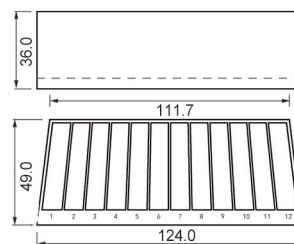
- Made of PVC, polystyrene (PS), or strong polypropylene (PP)
- PVC basins have transparent walls to permit easy viewing of contents
- Polypropylene basins are chemically resistant to alcohols and mild organic solvents
- PS one-channel basins are available in three sizes: 25ml, 55ml, and 100ml; 25ml and 55ml basins have a V-shaped bottom design
- PVC one-channel basins have a capacity of 55ml and a V-shaped bottom design
- PP 12-channel basins are double sided: the 12-channel side has a capacity of 5ml per channel; the other side (single-channel) has a capacity of 50ml
- PP 12-channel basins are available in assorted colors: clear, blue, green, pink, and yellow
- PS basins are individually packaged (sterile); PVC and PP basins are bulk packaged (non-sterile)



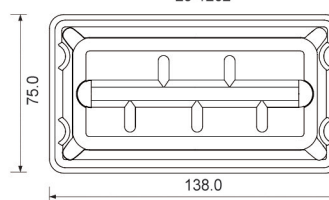
25-0051&25-0052



25-1025



25-1202



25-1100

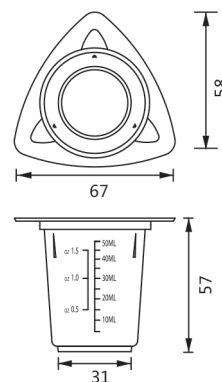
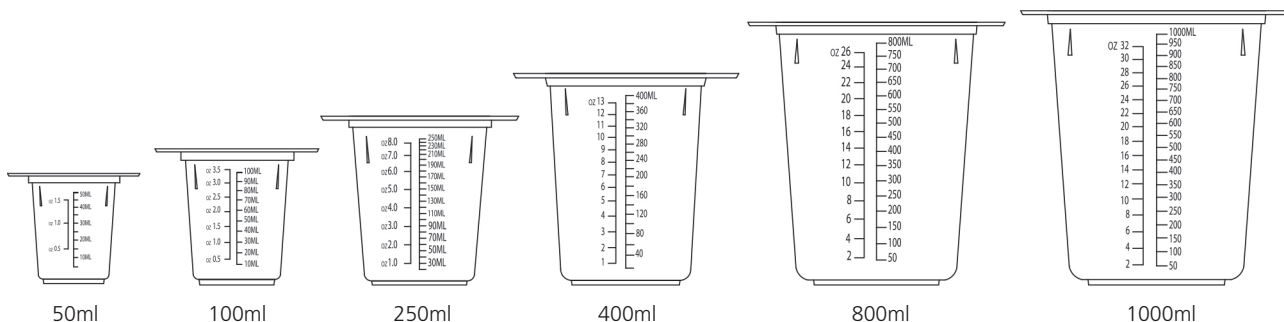
Dimensions = mm

| Cat #   | Volume | Material | Color           | Sterile | Package              | Unit                  | Total     |
|---------|--------|----------|-----------------|---------|----------------------|-----------------------|-----------|
| 25-1025 | 25ml   | PS       | White           | Yes     | Individually Wrapped | 1 /Bag, 100 Bags/Case | 100 /Case |
| 25-1202 | 50ml   | PP       | Assorted Colors | No      | Bulk                 | 25 /Bag, 4 Bags/Case  | 100 /Case |
| 25-0052 | 55ml   | PVC      | Clear           | No      | Bulk                 | 100 /Bag, 8 Bags/Case | 800 /Case |
| 25-0051 | 55ml   | PS       | White           | Yes     | Individually Wrapped | 1 /Bag, 100 Bags/Case | 100 /Case |
| 25-1100 | 100ml  | PS       | White           | Yes     | Individually Wrapped | 1 /Bag, 50 Bags/Case  | 50 /Case  |



## >> Features

- Made of strong, medical grade polypropylene, autoclavable
- Tri-corner design provides three dripless pouring spouts
- Six different sizes meet different needs



| Cat #   | Volume  | Sterile | Unit                             | Total     |
|---------|---------|---------|----------------------------------|-----------|
| 93-0050 | 50ml    | No      | 25 Pieces/Sleeve, 4 Sleeves/Case | 100 /Case |
| 93-0100 | 100ml   | No      | 25 Pieces/Sleeve, 4 Sleeves/Case | 100 /Case |
| 93-0250 | 250ml   | No      | 25 Pieces/Sleeve, 4 Sleeves/Case | 100 /Case |
| 93-0400 | 400ml   | No      | 25 Pieces/Sleeve, 4 Sleeves/Case | 100 /Case |
| 93-0800 | 800ml   | No      | 25 Pieces/Sleeve, 4 Sleeves/Case | 100 /Case |
| 93-1000 | 1,000ml | No      | 25 Pieces/Sleeve, 4 Sleeves/Case | 100 /Case |

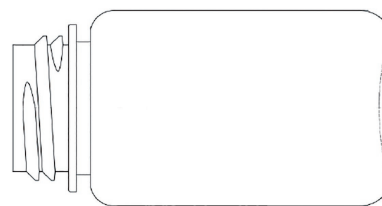
Dimensions = mm

# Reagent Bottles



## >> Features

- Made of durable medical grade polypropylene or high-density polyethylene
- Uniform wall thickness and strength, impact-resistant, great chemical resistance to most acid, alkali and alcohol
- Polypropylene bottles are autoclavable
- Wide-mouth design enables the superior sealing performance, and the convenience for filling liquid
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks or contaminate your reagents
- Natural and brown bottles are available
- Brown bottles reduce UV light transmissions to protect light-sensitive liquids Natural bottles are convenient to observe inner items
- Various volumes are available: 5ml, 8ml, 10ml, 15ml, 30ml, 60ml, 125ml, 200ml, 250ml, 500ml, and 1000ml

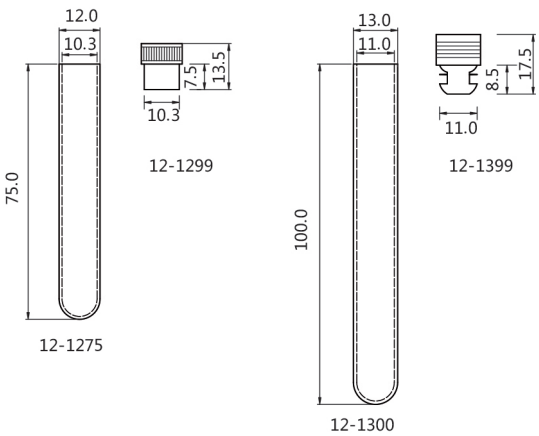


| Cat #<br>( Natural ) | Cat #<br>( Brown ) | Volume | Material                | Unit       |
|----------------------|--------------------|--------|-------------------------|------------|
| 04-0005              | 04-1005            | 5ml    | PP                      | 2000 /Case |
| 04-0010              | 04-1010            | 10ml   | PP                      | 1200 /Case |
| 04-0015              | 04-1015            | 15ml   | PP                      | 1200 /Case |
| 04-0030              | 04-1030            | 30ml   | PP                      | 800 /Case  |
| 04-0060              | 04-1060            | 60ml   | PP                      | 400 /Case  |
| 04-0125              | 04-1125            | 125ml  | PP                      | 250 /Case  |
| 04-0200              | 04-1200            | 200ml  | PP                      | 200 /Case  |
| 04-0250              | 04-1250            | 250ml  | PP                      | 150 /Case  |
| 04-0500              | 04-1500            | 500ml  | PP                      | 120 /Case  |
| 04-2008              | 04-3008            | 8ml    | Bottles: HDPE, Caps: PP | 1000 /Case |
| 04-2015              | 04-3015            | 15ml   | Bottles: HDPE, Caps: PP | 1000 /Case |
| 04-2030              | 04-3030            | 30ml   | Bottles: HDPE, Caps: PP | 400 /Case  |
| 04-2060              | 04-3060            | 60ml   | Bottles: HDPE, Caps: PP | 650 /Case  |
| 04-2125              | 04-3125            | 125ml  | Bottles: HDPE, Caps: PP | 350 /Case  |
| 04-2250              | 04-3250            | 250ml  | Bottles: HDPE, Caps: PP | 200 /Case  |
| 04-2500              | 04-3500            | 500ml  | Bottles: HDPE, Caps: PP | 100 /Case  |
| 04-2100              | 04-3100            | 1000ml | Bottles: HDPE, Caps: PP | 50 /Case   |



>> Features

- Tubes: made of medical grade polystyrene or polypropylene
- Caps: made of medical grade polyethylene
- Tubes are available in two sizes: 12 × 75mm and 13 × 100mm

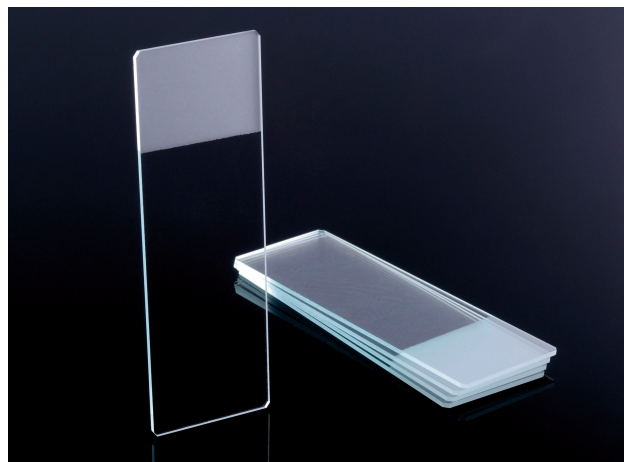
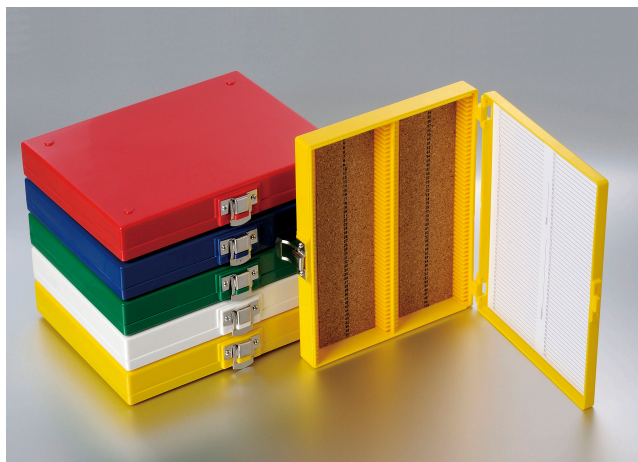


Dimensions = mm

| Cat #   | Description | Size(mm) | Material | Color | Volume | Sterile | Unit                    | Total      |
|---------|-------------|----------|----------|-------|--------|---------|-------------------------|------------|
| 12-1275 | Tube        | 12×75    | PS       | Clear | 5ml    | No      | 500 /Bag, 4 Bags/Case   | 2000 /Case |
| 12-2275 | Tube        | 12×75    | PP       | Clear | 5ml    | No      | 500 /Bag, 4 Bags/Case   | 2000 /Case |
| 12-1300 | Tube        | 13×100   | PS       | Clear | 8ml    | No      | 250 /Bag, 8 Bags/Case   | 2000 /Case |
| 12-1299 | Cap         | 12×13.5  | PE       | Blue  | -      | No      | 1,000 /Bag, 2 Bags/Case | 2000 /Case |
| 12-1399 | Cap         | 13×17.5  | PE       | Red   | -      | No      | 1,000 /Bag, 2 Bags/Case | 2000 /Case |



# Slide Storage Boxes



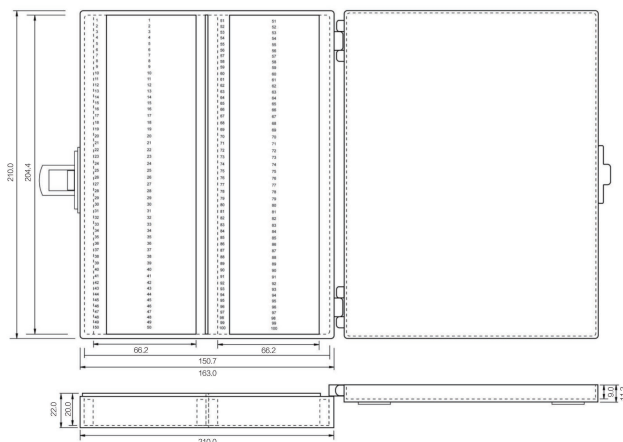
## >> Features

### Microscope Slides

- Made of high quality, highly transparent glass
- Slide faces are highly polished  
Ground edges prevent chipping and personal injury
- Slides with frosted area are convenient for labeling and storage  
Slides without frosted area have a larger usable surface area

### Slide Storage Boxes

- Made of strong ABS material
- Available in 25-place or 100-place sizes
- Traditional cork or foam lining available
- 5 assorted colors available: red, yellow, green, blue, and white
- Stores 25mm x 75mm microscope slides
- Each slot is numbered to correspond to the slide inventory sheet inside the lid
- 100-place slide boxes are secured with a rust-resistant clasp and hinge pin



41-5100

Dimensions = mm

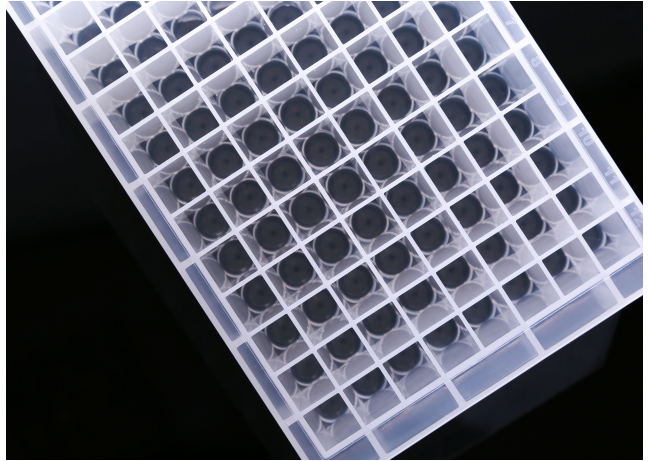
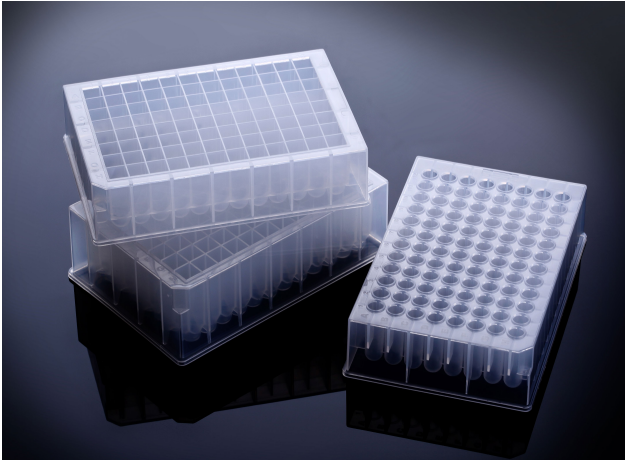
## Microscope Slides

| Cat # | Material    | Type               | Size (mm)   | Sterile | Unit                    | Total      |
|-------|-------------|--------------------|-------------|---------|-------------------------|------------|
| 7101  | Clear Glass | Plain Slides       | 25.4 x 76.2 | No      | 72 /Pack, 50 Packs/Case | 3600 /Case |
| 7105  | Clear Glass | Single Frosted End | 25.4 x 76.2 | No      | 72 /Pack, 50 Packs/Case | 3600 /Case |

## Slide Storage Boxes

| Cat #   | Place     | Lining | Color    | Sterile | Unit                | Total    |
|---------|-----------|--------|----------|---------|---------------------|----------|
| 41-5025 | 25-place  | Foam   | Assorted | No      | 5 /Bag, 4 Bags/Case | 20 /Case |
| 41-6025 | 25-place  | Cork   | Assorted | No      | 5 /Bag, 4 Bags/Case | 20 /Case |
| 41-5100 | 100-place | Foam   | Assorted | No      | 5 /Bag, 6 Bags/Case | 30 /Case |
| 41-6100 | 100-place | Cork   | Assorted | No      | 5 /Bag, 6 Bags/Case | 30 /Case |

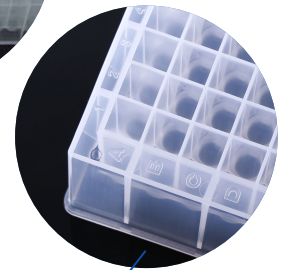
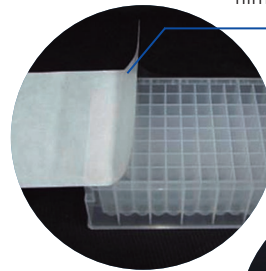




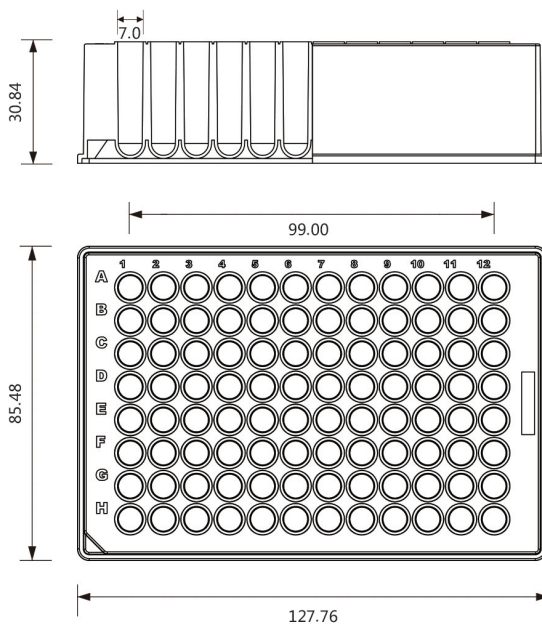
## >> Features

- Made of medical grade polypropylene
- Chemically resistant to alcohols and mild organic solvents
- Three types available: 1.0ml plates with round wells, and 1.6ml and 2.2ml plates with square wells
- Autoclavable
- Can be sealed with sealing film or silicone covers
- Conforms with the SBS standards for automation
- Compatible with automated DNA extraction equipment

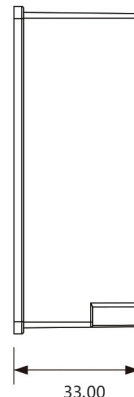
Can be sealed with sealing film or silicone covers



Molded alphanumeric labeling



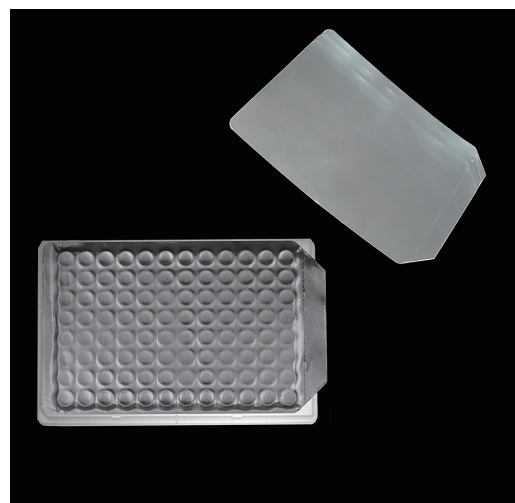
02-2010



Dimensions = mm

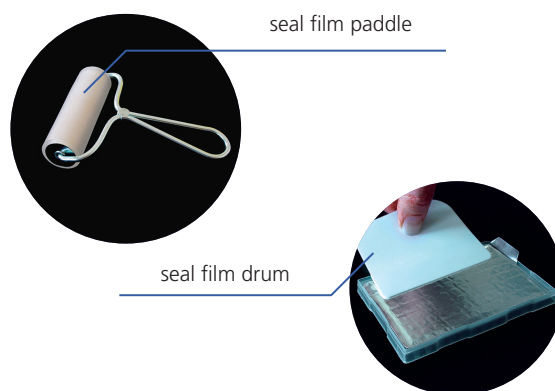
| Cat #   | Description | Volume | Sterile | Unit                   | Total    |
|---------|-------------|--------|---------|------------------------|----------|
| 02-2010 | Round well  | 1.0ml  | No      | 24 /Pack, 4 Packs/Case | 96 /Case |
| 02-1016 | Square well | 1.6ml  | No      | 24 /Pack, 4 Packs/Case | 96 /Case |
| 02-1022 | Square well | 2.2ml  | No      | 24 /Pack, 4 Packs/Case | 96 /Case |

# Microplate Sealers



## >> Features

- Made of High quality polypropylene, transparent polyester, hard polyester, impermeable aluminum foil, vinyl
- Well with not only PCR, qPCR, ELISA, inoculation and fluorescence experiment but also general and high throughput operation
- Applied to ELISA, inoculation, sample storage and microorganism cultivation sterile/ non-sterile
- Multiple temperature ranges are available, -80℃ , -70℃ , -40℃ , -20℃ , +80℃ , 90℃ , +100℃ , +120℃
- Colored sealers with five options are available, green/purple/orange/red/blue
- Film-sealing paddle and plate roller are optional



| Cat#    | Material                       | Temperature range | Application  | Sterile | Unit   | Total     |
|---------|--------------------------------|-------------------|--|---------|--|-----------|
| 61-0010 | Polypropylene                  | -40℃ ~ +120℃      | ELISA, inoculation   | No      | 100 Pieces/Box                                     | 100 /Case |
| 61-0020 | Impermeable aluminum foil      | -80℃ ~+120℃       | PCR, cold storage of sample                                  | No      | 100 Pieces/Box                                     | 100 /Case |
| 61-0040 | Hard polyester                 | -40℃ ~ +120℃      | PCR, qPCR and sample storage                                 | No      | 100 Pieces/Box                                     | 100 /Case |
| 61-0041 | Hard polyester                 | -40℃ ~+120℃       | PCR, qPCR and sample storage                                 | No      | 100 pieces/Box                                     | 100 /Case |
| 61-0051 | Thick porous hydrophobic rayon | -20℃ ~+80℃        | biological culture   | No      | 50 Pieces/Box                                      | 50 /Case  |
| 61-0060 | Thick vinyl                    | -40℃ ~ +90℃       | automatic sampling   | No      | 100 Pieces/Box                                     | 100 /Case |
| 61-0080 | DMSO resistant sealing foil    | -80℃ ~+120℃       | PCR, photosensitive test and mechanical operation            | No      | 100 Pieces/Box                                     | 100 /Case |
| 61-0120 | Hard polyester                 | -40℃ ~ +120℃      | ELISA, inoculation   | Yes     | 2 Rolls/Box, 100 Pieces/Roll, equip with dispenser | 200 /Case |
| 61-0152 | Thick porous hydrophobic rayon | -20℃ ~+80℃        | biological culture   | Yes     | 2 Rolls/Box, 50 Pieces/Roll, equip with dispenser  | 100 /Case |
| 61-0210 | Polyolefin                     | -70℃ ~ +100℃      | qPCR, sample storage and protein crystallization             | No      | 100 Pieces/Box                                     | 100 /Case |
| 61-0303 | Transparent polyester          | -40℃ ~+120℃       | PCR, qPCR and sample storage                                 | No      | 400 Pieces/Box                                     | 400 /Case |
| 61-0304 | Aluminum foil                  | -80℃ ~ +120℃      | PCR, sample storage photosensitive test, automatic operation | No      | 300 Strip/Box                                      | 300 /Case |



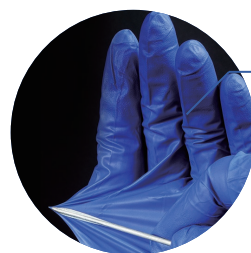
Latex



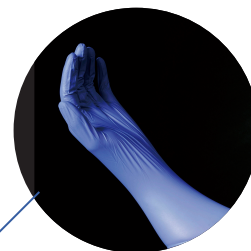
Nitrile

## >> Features

- Available in powder free latex and powder free nitrile
- Textured fingertips for an improved grip  
Beaded cuff design helps users don gloves efficiently
- Extra length for increased protection  
Biocompatibility tested (ISO 10993)
- Non-sterile



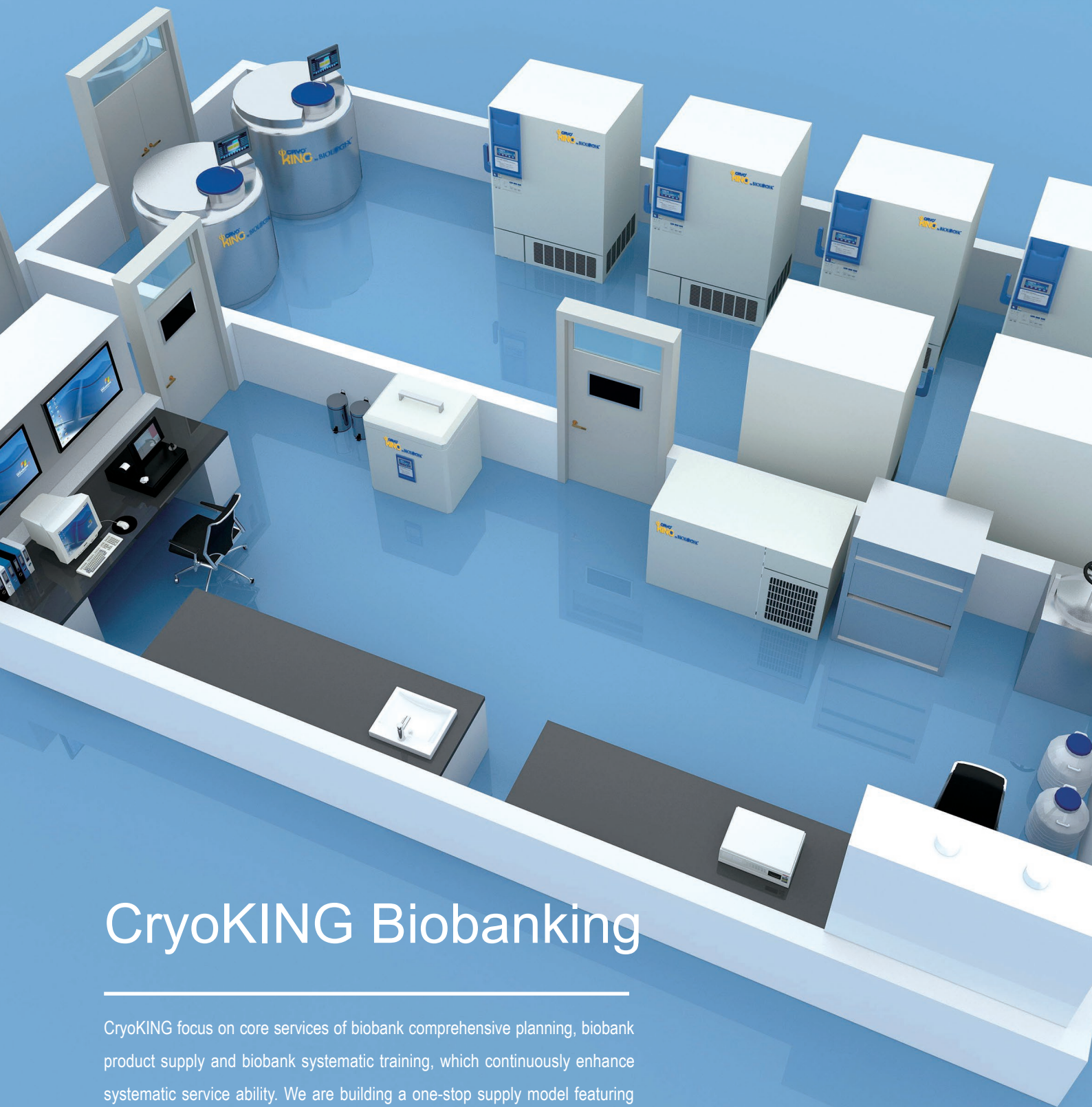
Nitrile material promotes better puncture



Extra-long cuffs

| Cat #   | Material | Size | Color             | Unit                     | Total      |
|---------|----------|------|-------------------|--------------------------|------------|
| 97-1111 | Latex    | XS   | Natural Off-White | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-1112 | Latex    | S    | Natural Off-White | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-1113 | Latex    | M    | Natural Off-White | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-1114 | Latex    | L    | Natural Off-White | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-1115 | Latex    | XL   | Natural Off-White | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-6111 | Nitrile  | XS   | Dark Blue         | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-6112 | Nitrile  | S    | Dark Blue         | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-6113 | Nitrile  | M    | Dark Blue         | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-6114 | Nitrile  | L    | Dark Blue         | 100 /Pack, 10 Packs/Case | 1000 /Case |
| 97-6115 | Nitrile  | XL   | Dark Blue         | 100 /Pack, 10 Packs/Case | 1000 /Case |





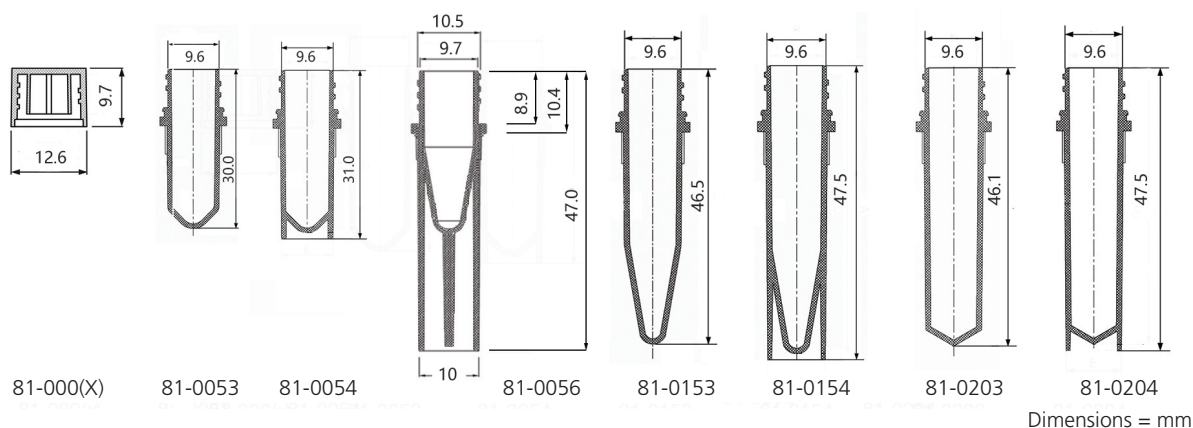
# CryoKING Biobanking

CryoKING focus on core services of biobank comprehensive planning, biobank product supply and biobank systematic training, which continuously enhance systematic service ability. We are building a one-stop supply model featuring high automation degree, advanced modular function, perfect information layout, and full provision of hardware and software.



## >> Features

- Made of medical grade polypropylene
- Can be repeatedly frozen and thawed
- Universal screw threads for use
- Tubes fit most common rotors
- Tubes fit standard 1-inch and 2-inch
- Autoclavable to 121°C and freezable to -86°C



| Cat#     | Type  | Volume | Height | Color    | Bottom        | Sterile | Unit                         | Total      |
|----------|-------|--------|--------|----------|---------------|---------|------------------------------|------------|
| 81-0053  | Tubes | 0.5ml  | 30.0   | Clear    | Conical       | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0054  | Tubes | 0.5ml  | 31.0   | Clear    | Self-Standing | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0055  | Tubes | 0.5ml  | 47.5   | Brown    | Self-Standing | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0056  | Tubes | 0.5ml  | 47.5   | Clear    | Self-Standing | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0153  | Tubes | 1.5ml  | 46.5   | Clear    | Conical       | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0154  | Tubes | 1.5ml  | 47.5   | Clear    | Self-Standing | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0203  | Tubes | 2.0ml  | 46.1   | Clear    | Conical       | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0204  | Tubes | 2.0ml  | 47.5   | Clear    | Self-Standing | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0000  | Caps  | -      | 9.7    | Clear    | -             | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0001* | Caps  | -      | 9.7    | Pink     | -             | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0002* | Caps  | -      | 9.7    | Green    | -             | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0003* | Caps  | -      | 9.7    | Blue     | -             | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0004* | Caps  | -      | 9.7    | Yellow   | -             | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0005* | Caps  | -      | 9.7    | Assorted | -             | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |
| 81-0006  | Caps  | -      | 9.7    | Brown    | -             | No      | 500 /Bag/Pack, 10 Packs/Case | 5000 /Case |

\* Call for details.



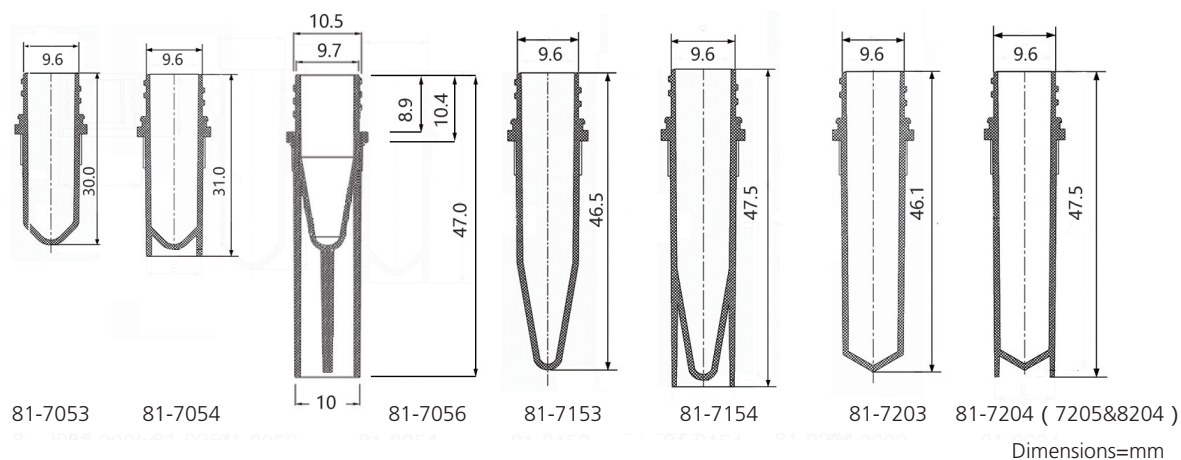
# Cryogenic Vials



81-8204

## >> Features

- Made of medical grade polypropylene
- Autoclavable
- Can be repeatedly frozen and thawed
- Universal screw threads
- Vials fit most common rotors
- Vials fit standard 1-inch and 2-inch freezer boxes
- Gamma radiation sterilized
- DNase & RNase free, endotoxin free, and human DNA free
- 81-8204 2ml self-standing vials have a white writing area and black graduations



| Cat #    | Volume | Color | Height | Bottom        | Writing Area | Sterile | Unit                                | Total      |
|----------|--------|-------|--------|---------------|--------------|---------|-------------------------------------|------------|
| 81-7053* | 0.5ml  | Clear | 30.0   | Conical       | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7054  | 0.5ml  | Clear | 31.0   | Self-Standing | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7055  | 0.5ml  | Brown | 47.5   | Self-Standing | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7056  | 0.5ml  | Clear | 47.5   | Self-Standing | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7153  | 1.5ml  | Clear | 46.5   | Conical       | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7154  | 1.5ml  | Clear | 47.5   | Self-Standing | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7203  | 2.0ml  | Clear | 46.1   | Conical       | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7204  | 2.0ml  | Clear | 47.5   | Self-Standing | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-7205  | 2.0ml  | Brown | 47.5   | Self-Standing | No           | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |
| 81-8204  | 2.0ml  | Clear | 47.5   | Self-Standing | Yes          | Yes     | 50 /Bag, 10 Bags/Pack, 4 Packs/Case | 2000 /Case |

\* Call for details.

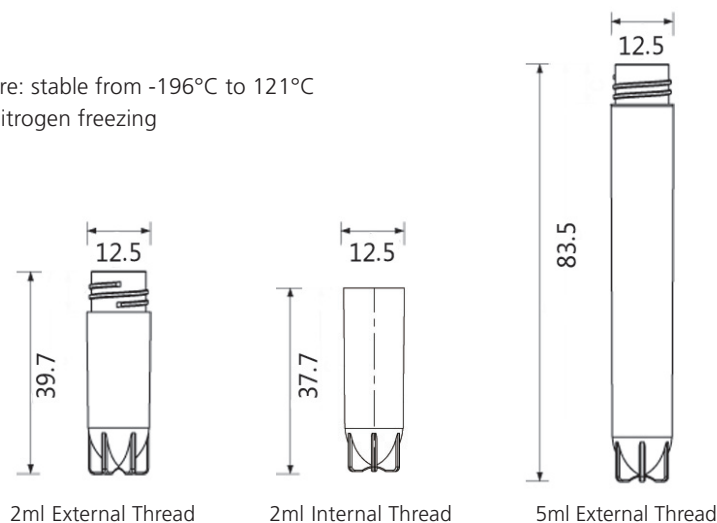


## >> Features

- Made of medical grade polypropylene; Autoclavable; and can be repeatedly frozen and thawed
- 5ml cryogenic vials are available with external screw threads, and 2ml cryogenic vials are available with both external screw threads and internal screw threads. External thread screw vials' caps have no o-ring, which reduces the possibility of contamination
- Fit 9×9 (81-well) standard cryogenic boxes
- 7 different colored screw caps, tubes with black graduation printing, tubes top with white writing area, base with six corners, convenient to be operated
- Gamma radiations sterili zed, RNase and DNase free, endotoxin free and foreign DNA free
- Pre-set 1D barcodes and numbers on sides for immediate scanning or visual identification
- 6 different colored markers: red, yellow, white, blue, purple, green

## Specifications

- Working temperature: stable from -196°C to 121°C
- Suitable for liquid nitrogen freezing



Dimensions=mm

| Cat #   | Type    | Thread Type | Volume | Bottom        | Side Barcode | Writing Area | Sterile | Unit                       | Total          |
|---------|---------|-------------|--------|---------------|--------------|--------------|---------|----------------------------|----------------|
| 88-621X | Tubes   | Internal    | 2ml    | Self-Standing | Yes          | Yes          | Yes     | 25 Sets/Bag, 40 Bags/Case  | 1000 Sets/Case |
| 88-620X | Tubes   | External    | 2ml    | Self-Standing | Yes          | Yes          | Yes     | 25 Sets/Bag, 40 Bags/Case  | 1000 Sets/Case |
| 88-650X | Tubes   | External    | 5ml    | Self-Standing | Yes          | Yes          | Yes     | 25 Sets/Bag, 40 Bags/Case  | 1000 Sets/Case |
| 88-600X | Markers | —           | —      | —             | —            | —            | —       | 100 Sets/Bag, 30 Bags/Case | 3000 Sets/Case |

X—Color of Caps : 0—White, 1—Red, 2—Green, 3—Blue, 4—Yellow\*, 5—Purple, 7—Clear

\* Call for details.

# CryoKING Cryogenic Vials

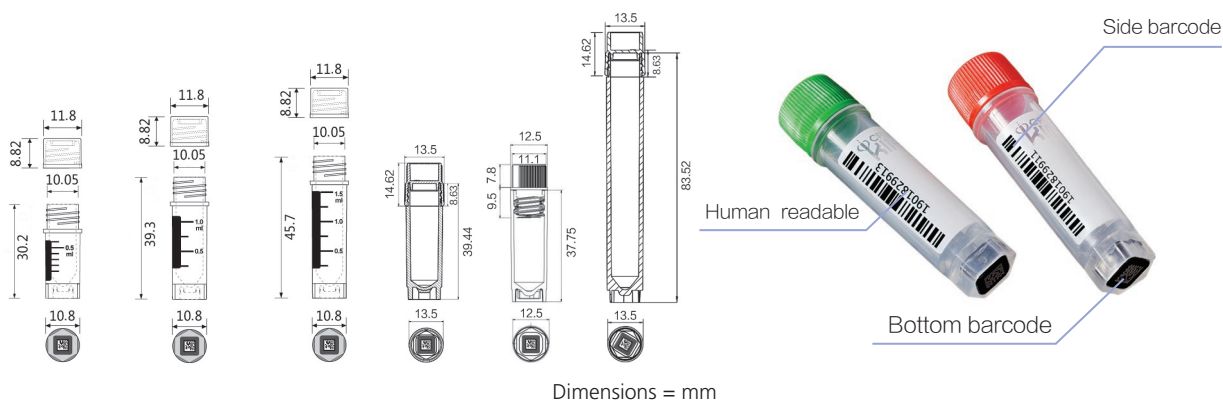


## >> Features

- Made of medical grade polypropylene, can be repeatedly frozen and thawed
- Vials have a white writing area and black graduations; 6 different colored caps are available
- Vials with pre-set Datamatrix 2D barcodes are available, and the 2D barcodes can be customized
- Use the microscopic imaging technique to pre-set 2D barcodes
- Gamma radiation sterilized, DNase & RNase free, endotoxin free, foreign DNA free
- Pre-set 1D barcodes and human readable numbers on sides for visual identification, and can be read by various scanners

## Specifications

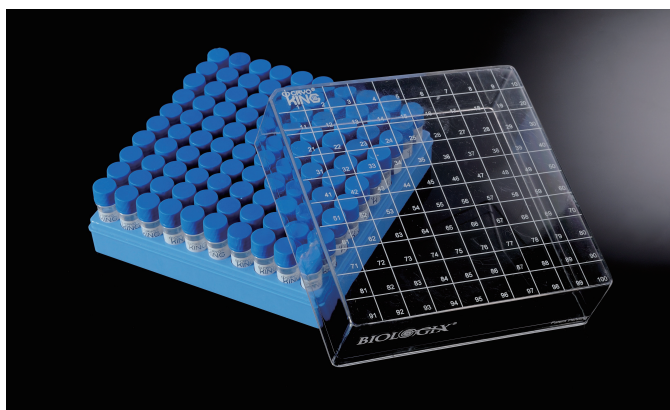
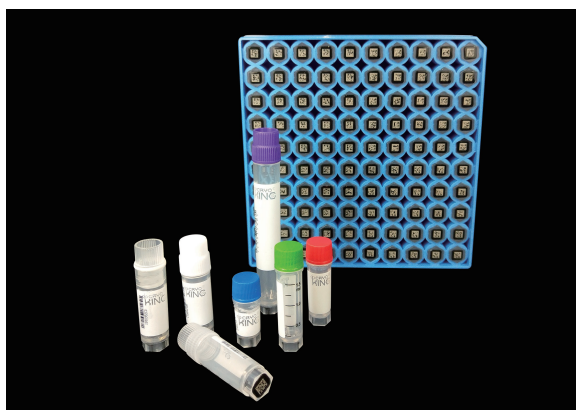
- Working temperature: stable from -196°C to 121°C
- Suitable for liquid nitrogen freezing



| Cat #   | Cat#<br>(Upgraded, with<br>Side Barcode) | Thread Type | Volume | Bottom        | Bottom<br>Barcode | Writing<br>Area | Sterile | Unit                      | Total          |
|---------|--|-------------|--------|---------------|-------------------|-----------------|---------|---------------------------|----------------|
| 88-005X | 88-605X                                  | External    | 0.5ml  | Self-Standing | No                | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| 88-010X | 88-610X                                  | External    | 1.0ml  | Self-Standing | No                | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| 88-015X | 88-615X                                  | External    | 1.5ml  | Self-Standing | No                | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| 88-020X | 88-720X                                  | External    | 2.0ml  | Self-Standing | No                | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| 88-021X | 88-721X                                  | Internal    | 2.0ml  | Self-Standing | No                | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| 88-050X | 88-750X                                  | External    | 5.0ml  | Self-Standing | No                | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| —       | 88-905X                                  | External    | 0.5ml  | Self-Standing | Yes               | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| —       | 88-910X                                  | External    | 1.0ml  | Self-Standing | Yes               | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| —       | 88-915X                                  | External    | 1.5ml  | Self-Standing | Yes               | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| —       | 88-920X                                  | External    | 2.0ml  | Self-Standing | Yes               | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| —       | 88-921X                                  | Internal    | 2.0ml  | Self-Standing | Yes               | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |
| —       | 88-950X                                  | External    | 5.0ml  | Self-Standing | Yes               | Yes             | Yes     | 25 Sets/Bag, 40 Bags/Case | 1000 Sets/Case |

X--Cap Color : 0-White,1-Red,2-Green,3-Blue,4-Yellow\*,5-Purple, 7-Clear

\* Call for details.

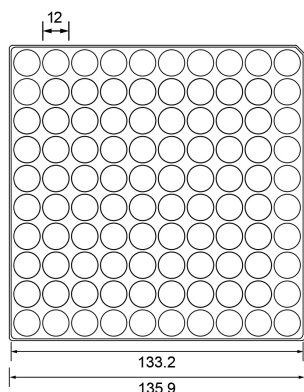


## >> Features

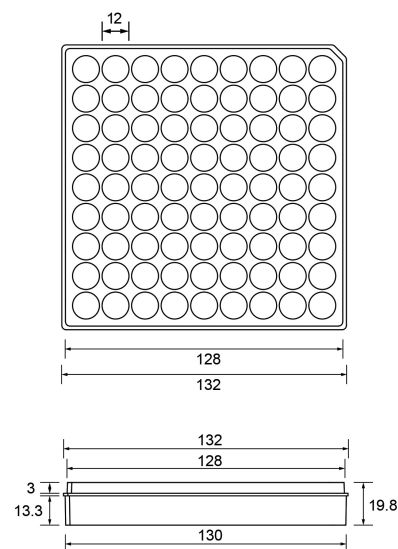
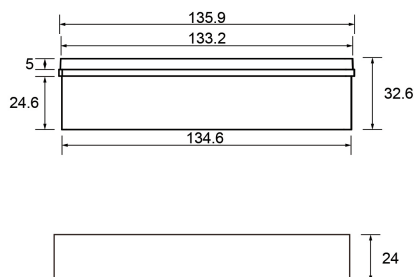
- All you need in one package:
  - CryoKING Vials with pre-set 2D barcodes
  - Pre-assembled inside the CryoKING Boxes
  - Pre-sterilized
- Certified: foreign DNA free, DNase & RNase free, endotoxin free
- Rapidly scans and identifies an entire box full of vials
- Pre-set 1D barcodes and numbers on side for immediate scanning or visual identification.

## Specifications

- Working temperature: stable from -196°C to 121°C
- Suitable for liquid nitrogen freezing



89-905X/89-910X/89-915X



89-920X/89-921X/89-950X

Dimensions = mm

| Cat #   | Volume                   | Bottom barcode | Side Code | Wells    | Thread Type | Dimensions(mm) | Unit                       | Total        |
|---------|--------------------------|----------------|-----------|----------|-------------|----------------|----------------------------|--------------|
| 89-905X | 0.5ml Vials + 1 inBox    | Yes            | Yes       | 100-well | External    | 133x133x36     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |
| 89-910X | 1.0ml Vials + 2 inBox    | Yes            | Yes       | 100-well | External    | 133x133x52     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |
| 89-915X | 1.5ml Vials + 2 inBox    | Yes            | Yes       | 100-well | External    | 133x133x52     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |
| 89-922X | 2.0ml Vials + 2 inBox    | Yes            | Yes       | 100-well | External    | 136x136x52     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |
| 89-923X | 2.0ml Vials + 2 inBox    | Yes            | Yes       | 100-well | Internal    | 136x136x52     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |
| 89-920X | 2.0ml Vials + 2 inBox    | Yes            | Yes       | 81-well  | External    | 133x133x52     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |
| 89-921X | 2.0ml Vials + 2 inBox    | Yes            | Yes       | 81-well  | Internal    | 133x133x52     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |
| 89-950X | 5.0ml Vials + 3.75 inBox | Yes            | Yes       | 81-well  | External    | 133x133x95     | 6 Bags/Pack , 2 Packs/Case | 12 Bags/Case |

X--Cap Color : 0-White,1-Red,2-Green,3-Blue,4-Yellow\*,5-Purple,7-Clear

\* Call for details.



# Automated Product Series of SBS Standards



## >> Features

- 2D barcodes on 96-well format cryogenic vials are easy to be read
- 2D barcode and human-readable numbers on the side of SBS format racks; 2D barcode at the bottom of racks, cryogenic vials and racks can be traced at the same time
- Simple yet powerful mechanical locking function and slide the buttons on both sides to unlock
- Laser etched 2D barcodes, resistant to DMSO and other organic solvents
- SBS format rack fits 96-well format cryogenic vials perfectly for automatic operations

## Specifications

- Working temperature: stable from -196°C to 121°C
- Suitable for liquid nitrogen freezing



## 96-well SBS Cryogenic Vials

| Cat #   | Thread Type | Volume | Bottom        | Bottom Barcode | Writing Area | Sterile | Unit                                    | Total          |
|---|-------------|--------|---------------|----------------|--------------|---------|---|----------------|
| 88-403X   | Internal    | 300µl  | Self-Standing | Yes            | No           | Yes     | 96 Sets/Bag, 10 Bags/Pack, 2 Packs/Case | 1920 Sets/Case |
| 88-405X   | Internal    | 500µl  | Self-Standing | Yes            | No           | Yes     | 96 Sets/Bag, 10 Bags/Pack, 2 Packs/Case | 1920 Sets/Case |
| 88-408X   | Internal    | 750µl  | Self-Standing | Yes            | No           | Yes     | 96 Sets/Bag, 10 Bags/Pack, 2 Packs/Case | 1920 Sets/Case |
| 88-410X   | Internal    | 1000µl | Self-Standing | Yes            | No           | Yes     | 96 Sets/Bag, 10 Bags/Pack, 2 Packs/Case | 1920 Sets/Case |
| X--Cap Color : 0-White,1-Red,2-Green,3-Blue,4-Yellow,5-Purple |             |        |               |                |              |         |   |                |

## SBS Format Cryogenic Racks

| Cat #   | Vial Volume    | Wells           | Color | Dimensions(mm) | Unit                    | Total    |
|---------|----------------|-----------------|-------|----------------|-------------------------|----------|
| 98-4117 | 300µl & 500µl  | 96-well, round  | Blue  | 128x85x35      | 10 /Pack , 2 Packs/Case | 20 /Case |
| 98-4217 | 750µl & 1000µl | 96-well, round  | Blue  | 128x85x54      | 10 /Pack , 2 Packs/Case | 20 /Case |
| 98-4127 | 300µl & 500µl  | 96-well, square | White | 128x85x35      | 10 /Pack , 2 Packs/Case | 20 /Case |
| 98-4227 | 750µl & 1000µl | 96-well, square | White | 128x85x54      | 10 /Pack , 2 Packs/Case | 20 /Case |

## SBS Format Combo

| Cat #   | Description       | Bottom Barcode | Side Barcode | Wells           | Dimensions(mm) | Unit                                     |
|---|-------------------|----------------|--------------|-----------------|----------------|--|
| 89-403X   | 300µl Vials+Rack  | Yes            | No           | 96-well, round  | 128x85x35      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| 89-405X   | 500µl Vials+Rack  | Yes            | No           | 96-well, round  | 128x85x35      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| 89-408X   | 750µl Vials+Rack  | Yes            | No           | 96-well, round  | 128x85x54      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| 89-410X   | 1000µl Vials+Rack | Yes            | No           | 96-well, round  | 128x85x54      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| 89-423X   | 300µl Vials+Rack  | Yes            | No           | 96-well, square | 128x85x35      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| 89-425X   | 500µl Vials+Rack  | Yes            | No           | 96-well, square | 128x85x35      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| 89-428X   | 750µl Vials+Rack  | Yes            | No           | 96-well, square | 128x85x54      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| 89-421X   | 1000µl Vials+Rack | Yes            | No           | 96-well, square | 128x85x54      | 1 Sets/Bag , 10 Bags/Pack , 2 Packs/Case |
| X--Cap Color : 0-White , 1-Red , 2-Green , 3-Blue , 4-Yellow , 5-Purple |                   |                |              |                 |                |  |

# Premium Cardboard Cryogenic Boxes

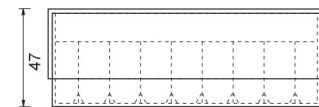
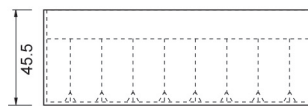
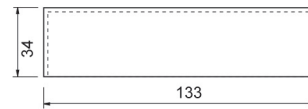
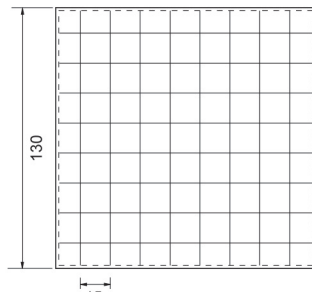


## >> Features

- Made of durable cardboard with superior white outer coating
- Chemically resistant to alcohols and mild organic solvents
- Five assorted colors available: white, yellow, pink, blue, and green
- White Premium Cardboard Freezer Boxes have a glossy coating, other colors have a matte coating
- Water resistant coating for improved durability
- Superior white 90-1281 & 90-1200 cardboard cryogenic boxes without outer coating are also available
- Holds 0.5ml, 1.5ml, 2.0ml, 5ml and 10ml microtubes and 15ml or 50ml Centrifuge Tubes

## Specifications

- Working temperature: stable from -196°C to 121°C
- Suitable for liquid nitrogen freezing



90-2281

Dimensions = mm

| Cat #   | Height | Wells    | Description                          | Dimensions (mm) | Unit                 | Total     |
|---------|--------|----------|--------------------------------------|-----------------|----------------------|-----------|
| 90-1200 | 2 in   | 100-well | Superior white without outer coating | 132 x 132 x 53  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-1281 | 2 in   | 81-well  | Superior white without outer coating | 132 x 132 x 53  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-1300 | 2 in   | 100-well | Superior white without outer coating | 133 x 133 x 76  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-1381 | 2 in   | 81-well  | Superior white without outer coating | 133 x 133 x 76  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-2281 | 2 in   | 81-well  | White coating, plastic coating       | 133 x 133 x 52  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-2200 | 2 in   | 100-well | White coating, plastic coating       | 133 x 133 x 52  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-5281 | 2 in   | 81-well  | Rainbow outer coating, matte coating | 133 x 133 x 52  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-5200 | 2 in   | 100-well | Rainbow outer coating, matte coating | 133 x 133 x 52  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-2381 | 3 in   | 81-well  | White coating, plastic coating       | 133 x 133 x 76  | 5 /Bag, 20 Bags/Case | 100 /Case |
| 90-2300 | 3 in   | 100-well | White coating, plastic coating       | 133 x 133 x 76  | 5 /Bag, 20 Bags/Case | 100 /Case |

# ID-Color™ Cardboard Cryogenic Boxes

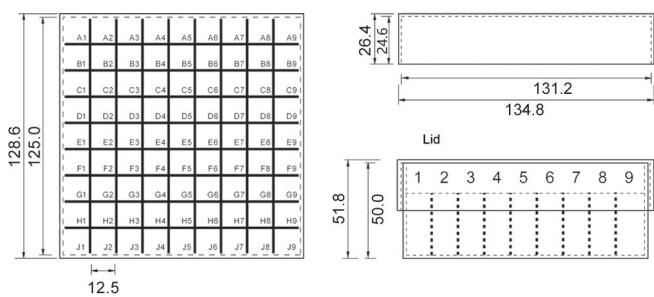


## >> Features

- Made of durable cardboard with a waterproof coating and polypropylene dividers
- Hinged lid design ensures that lids are never misplaced or mixed up
- Alphanumeric labeling featured on the lid, bottom, and four sides enables quick and easy identification of samples
- Holds 0.5ml/1.5ml/2.0ml/5.0ml microtubes and cryogenic vials

## Specifications

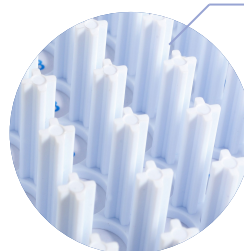
- Suitable for liquid nitrogen freezing  
(after adding vent holes, and using cardboard dividers)



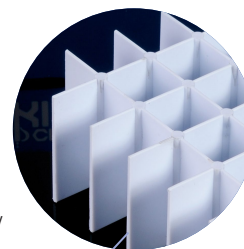
90-6281

Dimensions = mm

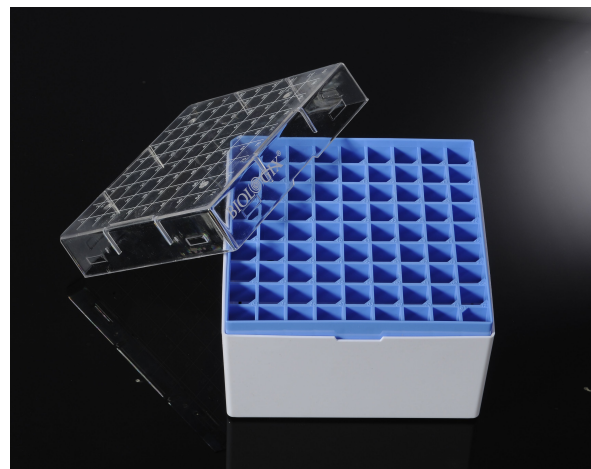
Post-style dividers



Straight grid divider design, resistant to low temperature



| Cat #   | Height | Well     | Divider Material | Dimensions (mm) | Unit                | Total    |
|---------|--------|----------|------------------|-----------------|---------------------|----------|
| 90-8100 | 1in    | 100-well | PP               | 133 x 133 x 36  | 5 /Bag, 4 Bags/Case | 20 /Case |
| 90-8281 | 2in    | 81-well  | PP               | 133 x 133 x 52  | 5 /Bag, 4 Bags/Case | 20 /Case |
| 90-8200 | 2in    | 100-well | PP               | 133 x 133 x 52  | 5 /Bag, 4 Bags/Case | 20 /Case |
| 90-8381 | 3.75in | 81-well  | PP               | 133 x 133 x 95  | 5 /Bag, 4 Bags/Case | 20 /Case |

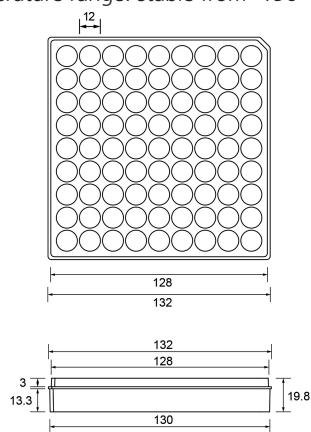
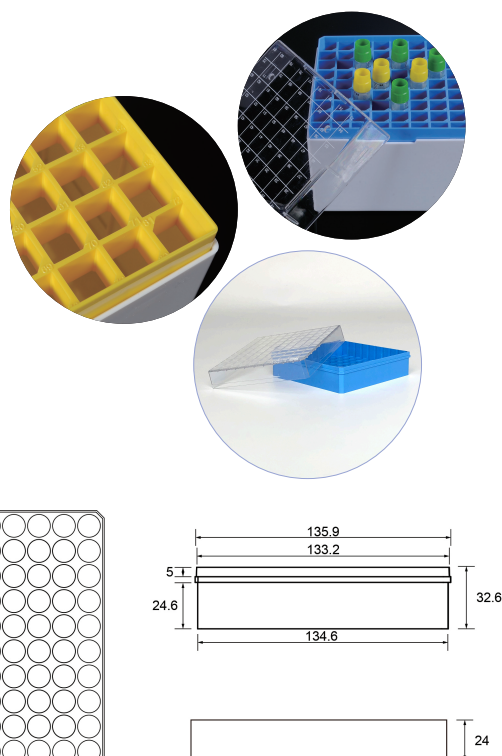


## >> Features

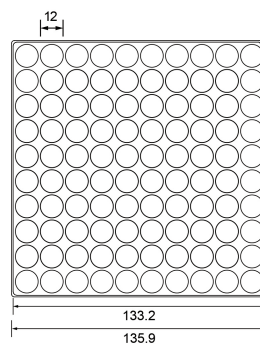
- Made of tough polycarbonate, chemically resistant to alcohols and mild organic solvents
- Can be repeatedly frozen and thawed
- 5x5 (25-well), 9x9 (81-well), or 10x10 (100-well) boxes available
- Compatible with 0.5ml, 1.5ml, 2.0ml or 5.0ml microtubes and cryogenic vials
- Boxes feature numbered grids for sample identification
- Drain holes and air vents minimize condensation
- Five assorted colors available

## Specifications

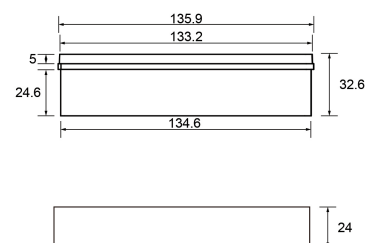
- Suitable for storage in mechanical freezers or liquid nitrogen
- Temperature range: stable from -196°C to 121°C



90-9009/90-9381/98-0313/98-1213



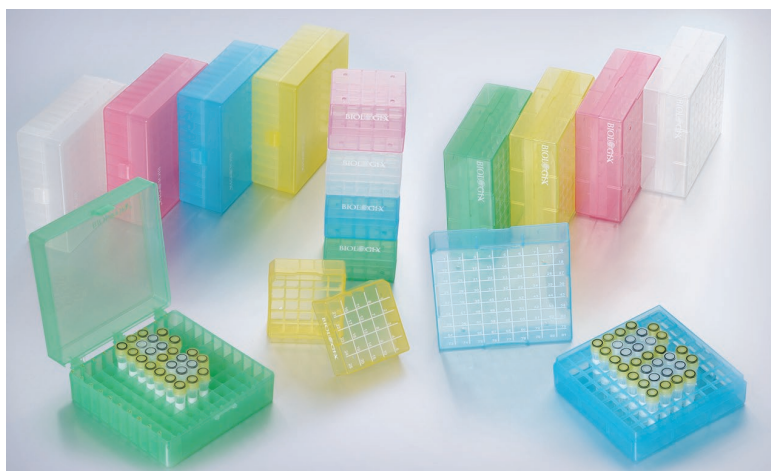
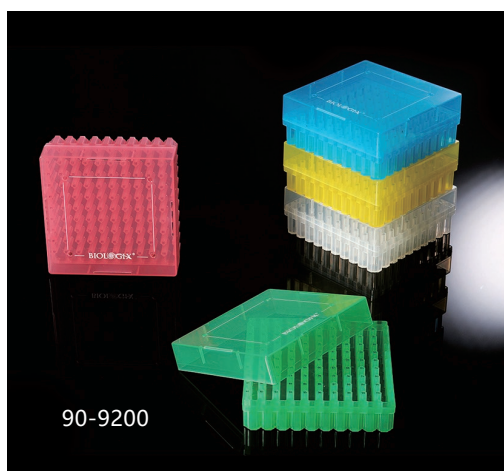
98-0113/98-0213/90-9210/98-0200



| Cat #   | Height  | Wells    | Color           | Dimensions (mm) | Unit                | Total    |
|---------|---------|----------|-----------------|-----------------|---------------------|----------|
| 90-9009 | 2 in    | 81-well  | Assorted Colors | 133x133x52      | 5 /Bag, 4 Bags/Case | 20 /Case |
| 90-9210 | 2 in    | 100-well | Assorted Colors | 133x133x52      | 5 /Bag, 4 Bags/Case | 20 /Case |
| 90-9250 | 2 in    | 25-well  | Assorted Colors | 75x75x52        | 5 /Bag, 6 Bags/Case | 30 /Case |
| 90-9381 | 3.75 in | 81-well  | Assorted Colors | 133x133x95      | 5 /Bag, 4 Bags/Case | 20 /Case |
| 98-0113 | 1 in    | 100-well | Blue            | 133x133x36      | 3 /Bag, 4 Bags/Case | 12 /Case |
| 98-0200 | 2 in    | 100-well | Blue            | 136x136x52      | 3 /Bag, 4 Bags/Case | 12 /Case |
| 98-0213 | 2 in    | 100-well | Blue            | 133x133x52      | 3 /Bag, 4 Bags/Case | 12 /Case |
| 98-0313 | 3.75 in | 81-well  | Blue            | 133x133x95      | 3 /Bag, 4 Bags/Case | 12 /Case |
| 98-1213 | 2 in    | 81-well  | Blue            | 133x133x52      | 3 /Bag, 4 Bags/Case | 12 /Case |



# PP Cryogenic Boxes



## >> Features

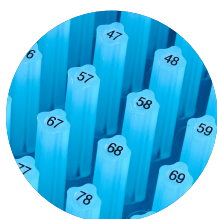
- Made of polypropylene, chemically resistant to alcohols and mild organic solvents
- Can be repeatedly frozen and thawed
- 5x5 (25-well), 9x9 (81-well), or 10x10 (100-well) boxes available
- Compatible with 0.5ml, 1.5ml or 2.0ml microtubes and cryogenic vials
- Boxes feature numbered grids for sample identification
- Drain holes and air vents minimize condensation
- Five assorted colors available

## Specifications

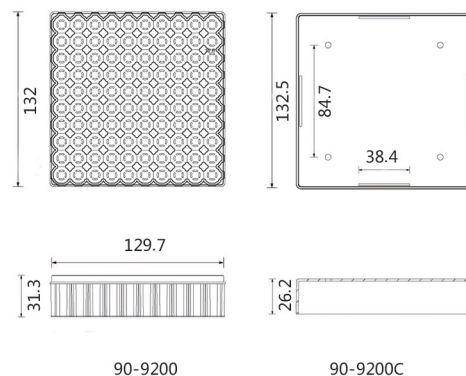
- Suitable for storage in mechanical freezers
- Temperature range: stable from -86°C to 121°C



Number grid for sample identification



Convenient sample organization



Dimensions = mm

| Cat #   | Height | Wells    | Color           | Dimensions (mm) | Unit                | Total    |
|---------|--------|----------|-----------------|-----------------|---------------------|----------|
| 90-9025 | 2 in   | 25-well  | Assorted Colors | 75 x 75 x 52    | 5 /Bag, 6 Bags/Case | 30 /Case |
| 90-9081 | 2 in   | 81-well  | Assorted Colors | 133 x 133 x 52  | 5 /Bag, 4 Bags/Case | 20 /Case |
| 90-9100 | 2 in   | 100-well | Assorted Colors | 141 x 154 x 55  | 5 /Bag, 4 Bags/Case | 20 /Case |
| 90-9200 | 2 in   | 100-well | Assorted Colors | 133 x 133 x 52  | 5 /Bag, 4 Bags/Case | 20 /Case |





## Sliding Drawer Freezer Racks

- Made of corrosion-resistant stainless steel or aluminium alloy
- Ideal for storage of 1 inch and 2 inch standard size cryogenic boxes
- Fits most standard upright freezers
- Sliding Drawer Freezer Racks include folded rails to reduce frost
- Flanging design reduces scratching
- Handle design enables easy removal from the shelf
- Colored labels for drawer/sample identification
- Special sliding drawer freezer racks can be customized

| Cat #   | Texture of material | Description                  | Capacity<br>(D x H Configuration) | Dimensions(mm)<br>(D x W x H) | Storage box size<br>(mm) |
|---------|---------------------|------------------------------|-----------------------------------|-------------------------------|--------------------------|
| 99-7216 | Stainless steel     | Sliding Drawer Freezer Racks | 4 x 4                             | 564 x 141 x 229               | 133 x 133 x 52           |
| 99-7220 | Stainless steel     | Sliding Drawer Freezer Racks | 4 x 5                             | 564 x 141 x 285               | 133 x 133 x 52           |
| 99-7224 | Stainless steel     | Sliding Drawer Freezer Racks | 4 x 6                             | 564 x 141 x 341               | 133 x 133 x 52           |
| 99-7128 | Stainless steel     | Sliding Drawer Freezer Racks | 4 x 7                             | 564 x 141 x 285               | 133 x 133 x 36           |
| 96-7216 | Aluminium alloy     | Sliding Drawer Freezer Racks | 4 x 4                             | 564 x 141 x 231               | 133 x 133 x 52           |
| 96-7220 | Aluminium alloy     | Sliding Drawer Freezer Racks | 4 x 5                             | 564 x 141 x 288.5             | 133 x 133 x 52           |
| 96-7224 | Aluminium alloy     | Sliding Drawer Freezer Racks | 4 x 6                             | 564 x 141 x 346               | 133 x 133 x 52           |



## Side Access Drawer Freezer Racks

- Made of corrosion-resistant stainless steel
- Ideal for storage of 1 inch and 2 inch standard size cryogenic boxes
- Fits most standard upright freezers
- Special sliding drawer freezer racks can be customized

| Cat #   | Texture of material | Description                      | Capacity<br>(D x H Configuration) | Dimensions(mm)<br>(D x W x H) | Storage box size (mm) |
|---------|---------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------|
| 99-5216 | Stainless steel     | Side Access Drawer Freezer Racks | 4 x 4                             | 560 x 140 x 240               | 133 x 133 x 52        |
| 99-5220 | Stainless steel     | Side Access Drawer Freezer Racks | 4 x 5                             | 560 x 140 x 300               | 133 x 133 x 52        |

# Freezer Racks



## Frame Type Freezer Racks

- Made of corrosion-resistant stainless steel or aluminium alloy
- Ideal for storage of 1 inch and 2 inch standard size cryogenic boxes
- Fits most standard upright freezers
- Simple structure and lightweight design helps manage cryogenic boxes efficiently
- Special sliding drawer freezer racks can be customized

| Cat #   | Texture of material | Description              | Capacity (D x H Configuration) | Dimensions (mm) (D x W x H) | Storage box size (mm) |
|---------|---------------------|--------------------------|--------------------------------|-----------------------------|-----------------------|
| 96-2216 | Aluminium alloy     | Frame Type Freezer Racks | 4 x 4                          | 552 x 137 x 228             | 133 x 133 x 52        |
| 96-2220 | Aluminium alloy     | Frame Type Freezer Racks | 4 x 5                          | 552 x 137 x 284             | 133 x 133 x 52        |
| 96-2224 | Aluminium alloy     | Frame Type Freezer Racks | 4 x 6                          | 552 x 137 x 340             | 133 x 133 x 52        |
| 99-2120 | Stainless steel     | Frame Type Freezer Racks | 4 x 5                          | 560 x 137 x 204             | 133 x 133 x 36        |
| 99-2124 | Stainless steel     | Frame Type Freezer Racks | 4 x 6                          | 560 x 137 x 244             | 133 x 133 x 36        |
| 99-2216 | Stainless steel     | Frame Type Freezer Racks | 4 x 4                          | 560 x 137 x 229             | 133 x 133 x 52        |
| 99-2220 | Stainless steel     | Frame Type Freezer Racks | 4 x 5                          | 560 x 137 x 284             | 133 x 133 x 52        |
| 99-2224 | Stainless steel     | Frame Type Freezer Racks | 4 x 6                          | 560 x 137 x 339             | 133 x 133 x 52        |



## Vertical Type Freezer Racks

- Made of corrosion-resistant stainless steel or aluminium alloy
- Ideal for storage of 1 inch and 2 inch standard size cryogenic boxes
- Fits most standard upright freezers
- Especially suitable for liquid nitrogen freezing
- Special sliding drawer freezer racks can be customized

| Cat #  | Texture of material | Description   | Capacity (D x H Configuration)                         | Dimensions (mm) (D x W x H) | Storage box size (mm) |
|--|---------------------|---------------|--|-----------------------------|-----------------------|
| 99-62XX  | Stainless steel     | Vertical Type | 1 x X  | * x 140 x 140               | 133 x 133 x 52        |
| 96-62XX  | Aluminium alloy     | Vertical Type | 1 x X  | * x 139 x 140               | 133 x 133 x 52        |
| X ( Capacity /L ) 06, 07, 08, 09, 10, 11, 12, 13 |                     |               | * ( Depth /mm ) 338, 394, 450, 506, 562, 618, 674, 730 |                             |                       |



8-Channel



96-Channel

## >> Features

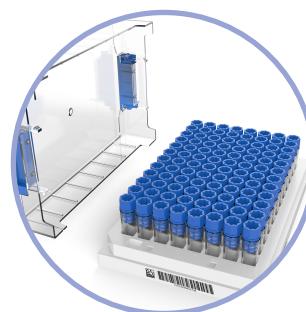
### 8-Channel Screw Cap Capper/Decapper

- Easy-to-use design: Caps or decaps 8 tubes in an individual line
- Convenient operation: Improves processing throughput of manual procedures with automated column-wise decapping and capping in just three seconds
- Optimal torque level: Ensures reproducibility by capping/ decapping all tubes to the optimal torque level
- Ergonomic design: Allows anyone in the lab to cap or decap tubes with a light weight, easy-to-use and ergonomic design
- Extra-long standby time: Enhances the convenience of actual operation
- Low noise: Enables the capping /decapping noise less than 5 decibels

### 96-Channel Screw Cap Capper/Decapper

#### Specifications

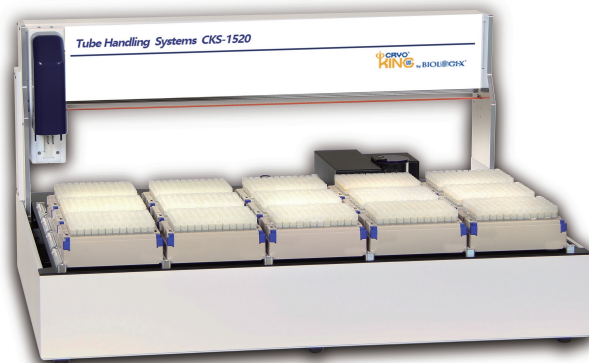
- External dimension (L\*W\*H) : 450mm\*320mm\*430mm
- Voltage: 110-220VAC
- Electric current: 6A
- Power: 600W
- Control source: DC 24V/5A
- Opening time of whole board: 12S
- Closing time of whole board: 12S



| Cat#     | Lithium battery capacity | Continual operation | Standby time | 8-Channel screw cap capping/Decapping | External dimension(L*W*H) |
|----------|--------------------------|---------------------|--------------|---------------------------------------|---------------------------|
| CKS-1008 | 5500MA                   | 8H                  | 30 Days      | 3S                                    | 95mm*46mm*255mm           |

| Cat#     | Power | Control source | Opening time of whole board | Closing time of whole board | External dimension(L*W*H) |
|----------|-------|----------------|-----------------------------|-----------------------------|---------------------------|
| CKS-1096 | 600W  | DC 24V/5A      | 12S                         | 12S                         | 450mm*320mm*430mm         |

# CryoKING Tube Handling System

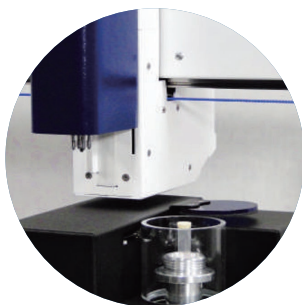


## >> Features

- Re-array, reformat or cherry pick tubes
- Weigh tubes (tare & gross weights)
- Detect volume with the LevelCheck
- 2D Barcode decoding
- LIMS integration ready
- Work list based operation
- Efficient for both small and large projects
- Label printer and applicator option
- Designed for continuous use and unattended operation
- Encoder based robotics and precision bearings provide the highest reliability
- Integration software toolkits available

## Ordering Information

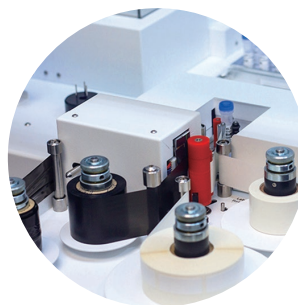
- Electrical: 110–220 VAC 50/60Hz
- Operating Environment: 10°C to 40°C , 10–90% RH [Standard]; –4°C to 40°C , 10–90% RH [Cold Room Model]
- System Requirements: Windows 10, 8, 7 – 2 GB RAM Recommended – USB 2.0 ports



Weigh Tubes



Re-array, reformat tubes



Label Printing and Application



Decode 2D barcodes

| Cat #    | Capacity     | Modules  | Dimensions (mm)   | Weight               |
|----------|--------------|--|-------------------|----------------------|
| CKS-1520 | 20 SBS Racks | Standard: Re-array, reformat tubes;<br>Decode 2D barcodes, weigh tubes | 72 x 53 x 40 cm   | 27 kg                |
| CKS-152X | 20 SBS Racks | Optional: Level check, DMSO hydration<br>check, label, enclosure       | Depend on modules | Depend on<br>modules |





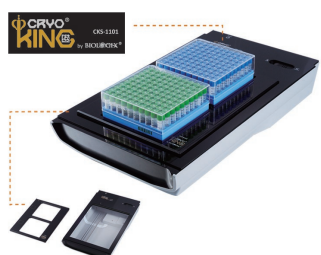
## CryoKING Handheld Scanner

- Infrared scanning individual cryogenic vials to identify barcodes and 2D barcodes accurately
- Ergonomic handheld design
- Compatible with CryoKING Crown biobanking management software
- Collect sample information rapidly and accurately



## Wireless Handheld Scanner Gun

- Can scan linear and 2D barcodes
- Ergonomic, lightweight design
- Wireless, pairs with a computer or mobile device using Bluetooth
- Compatible with our CryoScan app for Windows, Android, and iOS, as well as many other barcode scanning programs



## CryoKING Scanner-1.0

- Can scan 200 samples in 5 seconds
- Equipped with 2-Box Scanning frame for free
- Equipped with PC software for free, and can be paired with international database, such as SQL server, Oracle, MySQL, Postgres, HSQL
- Access with CryoKING Crown biobanking management software, and samples information can be collected rapidly and accurately



## CryoKING Scanner-3.0

- Scans one rack in less than 1 second
- Advanced error handling options
- Operates down to -20°C
- Compatible with most cryogenic boxes of major brands
- Project based workflow for easy rack type changes
- Detects missing tubes
- Advanced error handling options

| Cat #    | Description                   | Scan Type       |
|----------|-------------------------------|-----------------|
| CKS-0101 | Wired Handheld Scanner Gun    | Individual Vial |
| CKS-0201 | Wireless Handheld Scanner Gun | Individual Vial |
| CKS-1101 | AC 100-240V/50Hz/60Hz         | Entire Box      |
| CKS-1301 | AC 100-240V/50Hz/60Hz         | Entire Box      |

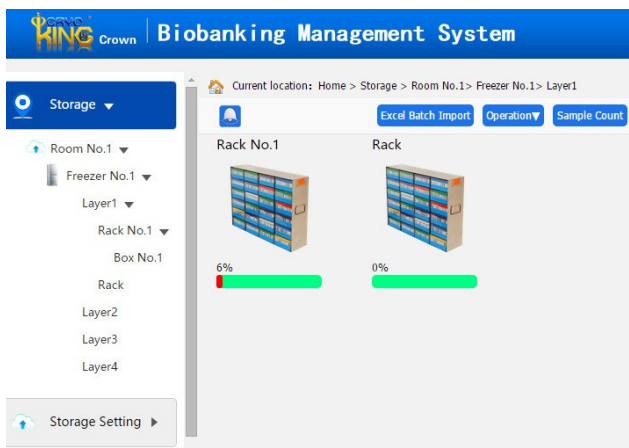


# Biobanking Management Software

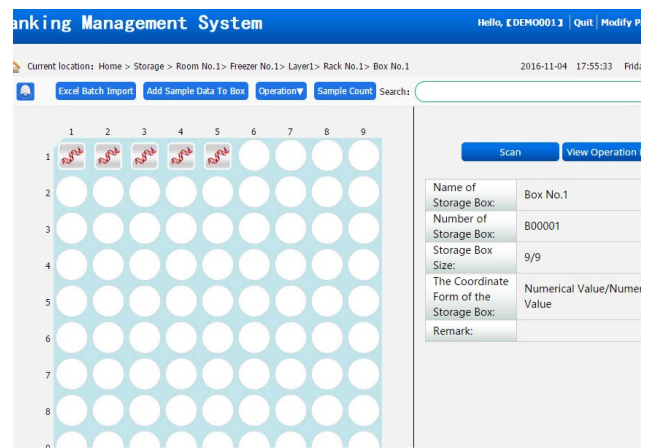
The CryoKING Crown Biobanking Management Software integrates everything from sample management and storage to packaging and transport into one comprehensive management program. It is the tool of choice for streamlined scientific research and biobanking management.

## >> Features

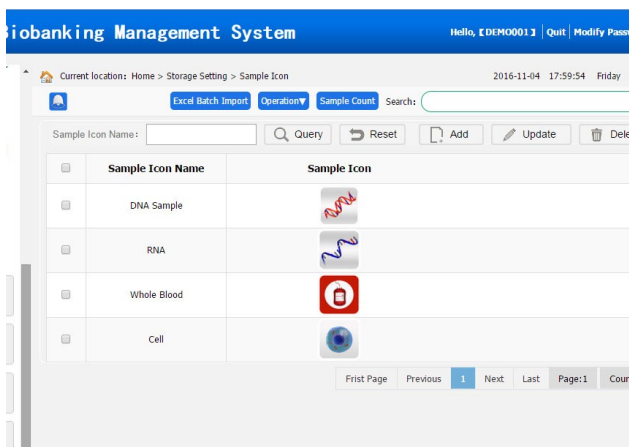
- Can be accessed through the CryoKING Cloud service, or hosted locally for use on a laboratory's own LAN
- Designed for use with industry-standard equipment and procedures
- Easy-to-use interface allows users to upload and import existing sample data
- Compatible with CryoKING Scanner-1.0 and Scanner-3.0 for entire box of individual 2D-barcoded cryogenic vials
- Currently available in English and Simplified Chinese (more languages coming soon)



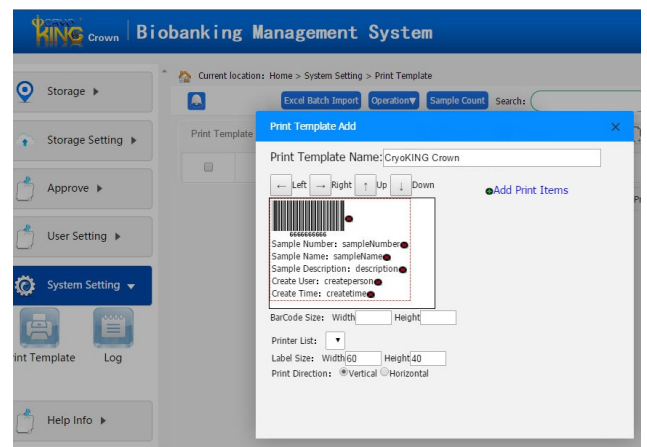
1. Our products (including freezer racks, cryogenic boxes, and cryogenic vials, with more to come) are designed with to be compatible with standard-size equipment and to be suitable for the storage of many types of samples.



2. The Crown visual interface displays a visual representation of every level of a lab's sample storage from freezers to individual samples, allowing users to review their sample storage status at a glance.



3. Icons and templates can be customized to suit each lab's needs, and custom images can be uploaded for use as icons.



4. Transition seamlessly from your previous system by importing your data into the Crown system using Excel or CSV files.

# Ultra Low Freezers- Large volume series



CKF-UL678 / 778 / 858 / 1008

## >> Features

### Intelligence Microcontroller

- High precision computer temperature controller, platinum Resistance Temperature sensor,  $-10^{\circ}\text{C} \sim -86^{\circ}\text{C}$  can be set freely
- 7inch touch screen controller, easy operation and better controlling precision

### Security System

- Audible and visual alarm (high or low temperature, door open, power failure alarm, sensor fault, low battery, poor heat dissipation of condenser, system failure alarm),
- Delayed start and safe stop interval ensure reliable operation
- Keyboard lock and password protected configuration page
- Double lock design ensures secure sample storage

### Refrigeration System

- New generation of cryogenic refrigeration technology to provide quick freezer and lower consumption
- Imported high efficiency compressor and EBM fan motor, strong power and energy efficiency
- Double foam insulated door, multi-patent insulation design of outer door system
- six sides of the body adopt high performance vacuum insulation material

### Humanization Design

- High strength adjustable shelf: three brackets fixed, strong bearing capacity, good stability
- Special document box, make record more convenient
- Stainless steel interior (SUS304), long service life and easy cleaning
- Brand new power door handle, can be operated by one hand easily
- Front chassis panel: condenser filter can be cleaned easily
- USB data storage function, can be download and inquire by computer
- Fixed foot design: universal castor + fixed foot design, easy to move and fix
- Optional: chart recorder, backup battery, alarm lamp, voltage compensation, remote monitor system, CO2 backup system

### Matching Biobank

- Optimized design of the middle body, special for biobanking storage

| Cat#       | Capacity | Input Power | Temperature                    | External Size<br>( WxDxH mm ) | Internal Size<br>( WxDxH mm ) | Weight<br>(Kg) |
|------------|----------|-------------|--------------------------------|-------------------------------|-------------------------------|----------------|
| CKF-UL678  | 678      | 1450        | $-10 \sim -86^{\circ}\text{C}$ | 1090*1025*1955                | 750*696*1286                  | 330            |
| CKF-UL778  | 778      | 1450        | $-10 \sim -86^{\circ}\text{C}$ | 1205*1025*1955                | 865*696*1286                  | 380            |
| CKF-UL858  | 858      | 1825        | $-10 \sim -86^{\circ}\text{C}$ | 1217*1025*2005                | 877*696*1378                  | 390            |
| CKF-UL1008 | 1008     | 1900        | $-10 \sim -86^{\circ}\text{C}$ | 1362*1025*2002                | 1022*696*1378                 | 430            |

# Ultra Low Freezers- Energy Saving Series



CKF-UL398 / 528

## >> Features

### Energy Saving and Environmental Protection

- CAS environment-friendly refrigeration technology
- Unique refrigeration circuit with independent intellectual property rights
- Strong refrigeration capacity by unipolar compressor oil-lubricated technology
- Imported high efficiency compressor and EBM fan motor, strong power and energy efficiency
- Double foam insulated door, multi-patent insulation design of outer door system
- The body adopt high performance vacuum heat insulation material

### Control System

- 7inch touch screen controller, clear display and easy operation
- High precision computer temperature controller, platinum resistance temperature sensor
- $-10^{\circ}\text{C} \sim -86^{\circ}\text{C}$  inside the body can be set freely

### Security System

- Audible and visual alarm (high or low temperature, door open, power failure alarm, sensor fault, low battery, poor heat dissipation of condenser, system failure alarm)
- Delayed start and safe stop interval ensure reliable operation
- Keyboard lock and password protected configuration page
- Double lock design ensures secure sample storage

### Humanization Design

- Narrow type door: slim figure, flexible enter and exit
- High strength adjustable shelf: three brackets fixed, strong bearing capacity, good stability
- Special document box, make record more convenient
- Stainless steel interior (SUS304), long service life and easy cleaning
- Brand new power door handle, can be operated by one hand easily
- Front chassis panel: condenser filter can be cleaned easily
- USB data storage function, can be download and inquire by computer
- Fixed foot design: universal wheel and fixed foot design, easy to move and fix
- Optional: chart recorder, backup battery, alarm lamp, voltage compensation, remote monitor system, CO2 backup system

### Matching Biobank

- Optimized design of the middle body, special for biobanking storage

| Cat#      | Capacity | Input Power | Temperature                    | External Size<br>( WxDxH mm ) | Internal Size<br>( WxDxH mm ) | Weight<br>(Kg) |
|-----------|----------|-------------|--------------------------------|-------------------------------|-------------------------------|----------------|
| CKF-UL398 | 398      | 980         | $-10 \sim -86^{\circ}\text{C}$ | 785*1041*1947                 | 440*696*1266                  | 252            |
| CKF-UL528 | 528      | 1050        | $-10 \sim -86^{\circ}\text{C}$ | 930*1041*1947                 | 585*696*1266                  | 286            |

# Ultra Low Freezers- Medium and Small Volume Series



CKF-UL668

CKF-UL540

CKF-UL508

CKF-UL290

CKF-UL340

CKF-UW138

CKF-UL100

## >> Features

### Control System

- High precision computer temperature controller, platinum resistance temperature sensor
- $-10^{\circ}\text{C} \sim -86^{\circ}\text{C}$  inside the body can be set freely

### Security System

- Audible and visual alarm (high or low temperature, door open, power failure alarm, sensor fault, low battery, poor heat dissipation of condenser, system failure alarm)
- Sample storage is safer
- Delayed start and safe stop interval ensure reliable operation
- Keyboard lock and password protected configuration page
- Double lock design ensures secure sample storage

### Humanization Design

- Rotate power handle for flexible opening (The door of Chest type: balanced hinge opening)
- Adjustable rack structure for easy storage (Only Vertical Type)
- Double door design for better heat insulation effect (Only Vertical Type)
- Optional: chart recorder, backup battery, alarm lamp, voltage compensation, remote monitor system, CO2 backup system
- Stainless steel interior (SUS304), long service life and easy cleaning (Vertical Type)
- Universal wheel and fixed foot design, easy to move and fix (Vertical Type)

| Cat#      | Capacity | Input Power | Temperature                    | External Size<br>(WxDxH mm) | Internal Size<br>(WxDxH mm) | Weight<br>(Kg) |
|-----------|----------|-------------|--------------------------------|-----------------------------|-----------------------------|----------------|
| CKF-UW138 | 138      | 860         | $-10 \sim -86^{\circ}\text{C}$ | 1320*890*1009               | 490*470*570                 | 205            |
| CKF-UW328 | 328      | 1050        | $-10 \sim -86^{\circ}\text{C}$ | 2005*890*1009               | 1200*470*570                | 280            |
| CKF-UW438 | 438      | 1050        | $-10 \sim -86^{\circ}\text{C}$ | 2005*890*1009               | 1270*590*540                | 296            |
| CKF-UL100 | 100      | 850         | $-10 \sim -86^{\circ}\text{C}$ | 1066*742*820                | 450*439*514                 | 145            |
| CKF-UL290 | 290      | 1040        | $-10 \sim -86^{\circ}\text{C}$ | 755*846*1797                | 470*588*1047                | 226            |
| CKF-UL340 | 340      | 1080        | $-10 \sim -86^{\circ}\text{C}$ | 755*895*1982                | 470*578*1250                | 240            |
| CKF-UL508 | 508      | 1000*2      | $-10 \sim -86^{\circ}\text{C}$ | 1200*897*1999               | 880*504*Up570Down514        | 385            |
| CKF-UL538 | 538      | 1850        | $-10 \sim -86^{\circ}\text{C}$ | 842*989*2023                | 662*600*1344                | 298            |
| CKF-UL540 | 540      | 1900        | $-10 \sim -86^{\circ}\text{C}$ | 840*918*1984                | 600*730*1330                | 306            |
| CKF-UL668 | 668      | 1965        | $-10 \sim -86^{\circ}\text{C}$ | 1137*989*1994               | 815*666*1215                | 347            |



# -40 Ultra Low Freezers



CKF-CL531

CKF-CL450

CKF-CL362

CKF-CL270

CKF-CL090

## >> Features

### Refrigeration System

- Fluorine-free refrigent, imported famous brand compressor, EBM fan motor
- Unique refrigeration circuit with independent intellectual property rights
- Double foam insulated door, multi-patent insulation design of outer door system
- The body adopt high performance vacuum heat insulation material

### Control System

- High precision computer temperature controller, platinum resistance temperature sensor
- Digital temperature display, keep track of running status
- $-10^{\circ}\text{C} \sim -40^{\circ}\text{C}$  inside the body can be set freely
- Double compressor for separate room control (only double room)

### Security System

- Audible and visual alarm (high or low temperature, door open, power failure alarm, sensor fault, low battery, poor heat dissipation of condenser, system failure alarm)
- Delayed start and safe stop interval ensure reliable operation
- Keyboard lock and password protected configuration page
- Double lock design ensures secure sample storage

### Humanization Design

- Rotate power handle for flexible opening (The door of Chest type: balanced hinge opening)
- Adjustable rack structure for easy storage (Only Vertical Type)
- Stainless steel interior, anticorrosive phosphating spraying
- Double door design for better heat insulation effect (Only Vertical Type)
- Low noise design, create comfortable working environment

| Cat#      | Capacity | Input Power (W) | Capacity                       | External Size<br>( WxDxH mm ) | Internal Size<br>( WxDxH mm ) | Weight (Kg) |
|-----------|----------|-----------------|--------------------------------|-------------------------------|-------------------------------|-------------|
| CKF-CL090 | 90       | 182             | $-10 \sim -40^{\circ}\text{C}$ | 540*558*898                   | 410*420*675                   | 43          |
| CKF-CL270 | 270      | 430             | $-10 \sim -40^{\circ}\text{C}$ | 600*640*1750                  | 435*410*1545                  | 80          |
| CKF-CL450 | 450      | 700             | $-10 \sim -40^{\circ}\text{C}$ | 780*660*1850                  | 640*515*675                   | 136         |
| CKF-CL531 | 531      | 1250            | $-10 \sim -40^{\circ}\text{C}$ | 842*989*1999                  | 662*600*1345                  | 250         |

## 2-8 Medical Refrigerators



### >> Features

#### Control System

- Microprocessor-based temperature controller: high sensitivity sensor
- Automatic temp. control: display accuracy 0.1℃ , 2 ~ 8℃ inside adjustable
- Intelligent forced air circulation system

#### Security System

- Audible and visual alarm (door open, sensor failure alarm, high and low temperature alarm)
- Delayed start and lockable door to protect sample safety
- Delayed start and safe stop interval ensure reliable operation

#### Refrigeration System

- Fluorine-free refrigerant, imported famous brand compressor
- High effective air-cooled condenser to provide quick freezing

#### Humanization Design

- Stainless steel interior, anticorrosive phosphating spraying
- Internal wall is ABS engineering plastic
- Double transparent insulated glass door filled with inert gas
- Caster are mounted under the bottom
- Adjustable shelves made of quality steel wire
- With backup battery and temperature recorder ( CKF-M520/M968/M1500 )

| Cat#      | Capacity | Input Power | Temperature | External Size<br>( WxDxH mm ) | Internal Size<br>( WxDxH mm ) | Weight (Kg) |
|-----------|----------|-------------|-------------|-------------------------------|-------------------------------|-------------|
| CKF-M260  | 260      | 215         | 2 ~ 8℃      | 603*590*1556                  | 515*380*1110                  | 72          |
| CKF-M300  | 300      | 215         | 2 ~ 8℃      | 603*590*1728                  | 515*380*1282                  | 74          |
| CKF-M520  | 520      | 460         | 2 ~ 8℃      | 710*840*1980                  | 590*675*1445                  | 120         |
| CKF-M728  | 728      | 530         | 2 ~ 8℃      | 1180*670*2025                 | 1083*546*1182                 | 142         |
| CKF-M968  | 968      | 650         | 2 ~ 8℃      | 1200*798*1965                 | 1080*630*1420                 | 180         |
| CKF-M1500 | 1500     | 960         | 2 ~ 8℃      | 1800*798*1965                 | 1680*640*1420                 | 240         |

# Ultra-low Temperature Liquid Nitrogen Tanks-Biobank Series



CKD-V035S013



CKD-V045S013



CKD-V180S013

## >> Features

- Available for vapor and liquid phase
- Available in different capacities
- Small footprint and large capacity to reduce storage cost
- Stable temperature control
- Advanced temperature monitoring system, liquid level monitoring system and alarming system
- Automatic liquid nitrogen filling system
- The microprocessor system keeps data and information forever
- Demist button
- Special design for convenient operation
- Lockable lid to ensure the safety of samples
- Integral foldable steps and operation platform
- CE certified

| Cat #        | Capacity ( L ) | Neck Diameter ( mm ) | Inner Usable Height ( mm ) | Outer Diameter ( mm ) | Height ( mm ) | Maxi. Storage Capacity of 2ml Cryogenic Vials | Max. Blood Bag Holding Capacity | Maximum Load |
|--------------|----------------|----------------------|----------------------------|-----------------------|---------------|---|---------------------------------|--------------|
| CKD-V035S013 | 350            | 326                  | 600                        | 875                   | 1326          | 13000   | 1296                            | 502          |
| CKD-V045S013 | 460            | 326                  | 828                        | 875                   | 1558          | 18200   | 1728                            | 649          |
| CKD-V055S013 | 587            | 445                  | 600                        | 1104                  | 1321          | 26000   | 2376                            | 802          |
| CKD-V075S013 | 783            | 445                  | 828                        | 1104                  | 1591          | 36400   | 3168                            | 1005         |
| CKD-V085S013 | 890            | 465                  | 773                        | 1190                  | 1559          | 42900   | 3360                            | 1160         |
| CKD-V100S013 | 1014           | 465                  | 900                        | 1190                  | 1704          | 49500   | 4320                            | 1314         |
| CKD-V130S013 | 1340           | 635                  | 620                        | 1565                  | 1398          | 58500   | 4716                            | 1934         |
| CKD-V160S013 | 1660           | 635                  | 791                        | 1565                  | 1589          | 76050   | 5502                            | 2255         |
| CKD-V180S013 | 1880           | 635                  | 900                        | 1565                  | 1883          | 87750   | 7074                            | 2504         |
| CKD-V180S014 | 1880           | 635                  | 900                        | 1565                  | 1883          | 94875   | 7758                            | 2504         |

# Ultra-low Temperature Liquid Nitrogen Tanks-Laboratory Series



## >> Features

- Made of durable aluminum alloy
- Racks and boxes are available
- Large capacity and low energy consumption
- Locked-lid switch, liquid level monitoring system and carrying cart are available
- CE certified
- Vacuum warranty: 5 years
- Designed for long-term storage
- Labeled racks and boxes for sample identification and orientation
- Liquid level monitoring system is optional and it will send out sound and light for alarm when the liquid reaches low level



| Cat #        | Geometric Capacity<br>( L ) | Neck Diameter( mm ) | Number of<br>Cryogenic Vials | Static Evaporation<br>Loss Rate ( L/D ) | Static Holding Time<br>( D ) |
|--------------|-----------------------------|---------------------|------------------------------|---|------------------------------|
| CKS-L010Q125 | 10                          | 125                 | 100                          | 0.42                                    | 24                           |
| CKS-L030Q125 | 30                          | 125                 | 600                          | 0.33                                    | 90                           |
| CKS-L035Q125 | 35                          | 125                 | 750                          | 0.36                                    | 97                           |
| CKS-L047W127 | 47                          | 127                 | 750                          | 0.36                                    | 130                          |
| CKS-L065Q216 | 65                          | 216                 | 2400                         | 0.78                                    | 83                           |
| CKS-L095Q216 | 95                          | 216                 | 3000                         | 0.97                                    | 98                           |
| CKS-L115Q216 | 115                         | 216                 | 3600                         | 0.94                                    | 122                          |
| CKS-L175Q216 | 175                         | 216                 | 6000                         | 0.95                                    | 184                          |



## Ultra-low Temperature Liquid Nitrogen Tanks-Portable Dewar and Static Storage Series



### >> Features

- High-strength light aluminum alloy
- Protective holding bag
- Low evaporation
- Numerical canisters for orientation
- Lockable-lid switch is available
- CE certified
- Vacuum warranty: 5 years

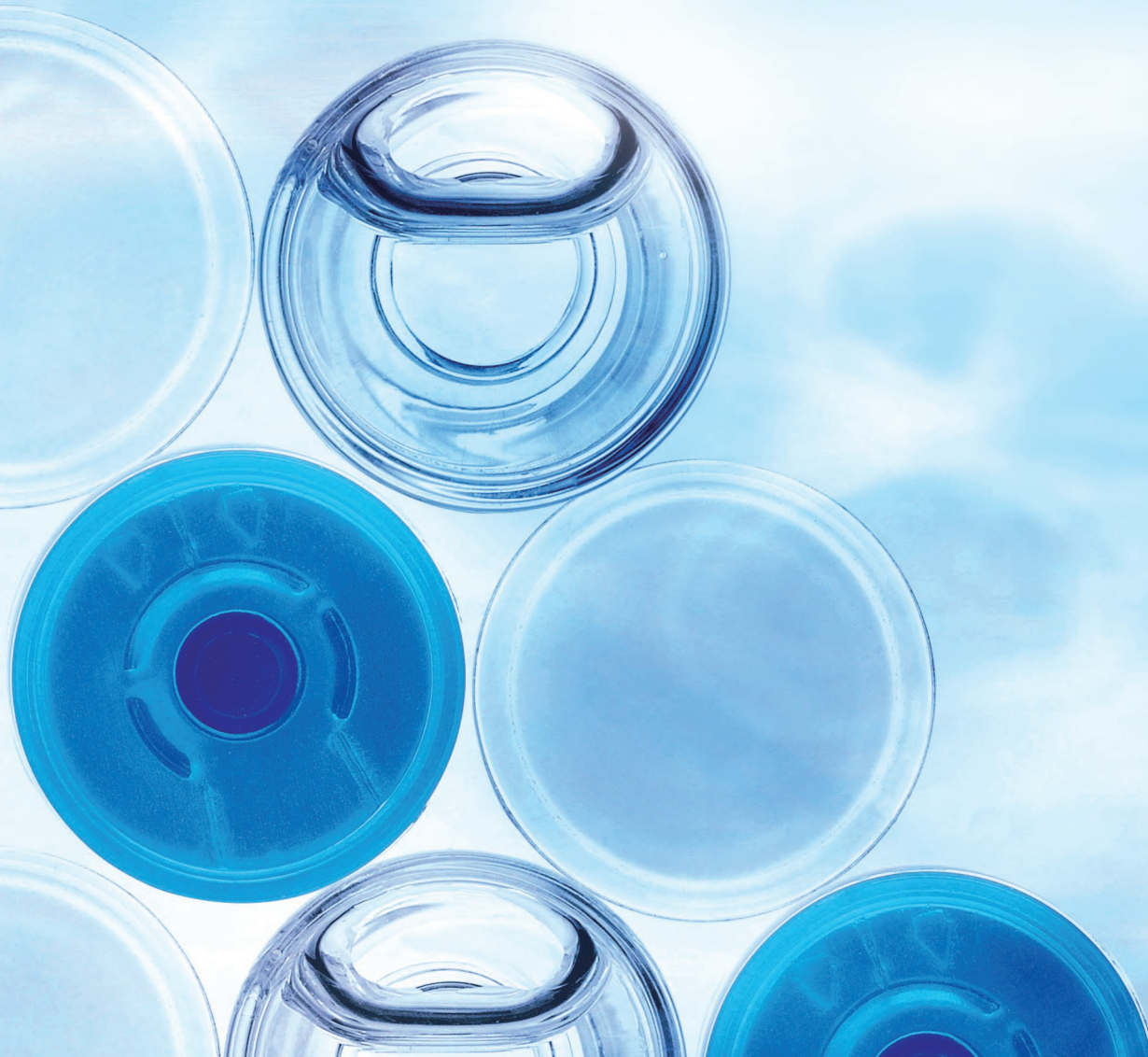
| Cat#         | Geometric capacity (L) | Neck diameter (mm) | Static evaporation loss rate (L/Day) | Static holding time (Day) | Height(mm) | Outer diameter(mm) | Empty weight(kg) |
|--------------|------------------------|--------------------|--------------------------------------|---------------------------|------------|--------------------|------------------|
| CKS-P302Z030 | 2                      | 30                 | 0.07                                 | 28                        | 399        | 223                | 2.8              |
| CKS-P302Z035 | 2                      | 35                 | 0.08                                 | 24                        | 428        | 204                | 2.6              |
| CKS-P603Z050 | 3                      | 50                 | 0.12                                 | 26                        | 435        | 223                | 3.1              |
| CKS-P606Z050 | 6                      | 50                 | 0.12                                 | 52                        | 482        | 300                | 4.8              |
| CKS-P610Z050 | 10                     | 50                 | 0.12                                 | 86                        | 552        | 300                | 6.1              |

# Cell Culture Series

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Cell culture involves sampling cells from an organism, placing these cells in an in vitro environment, and observing the growth, reproduction, aging or other processes of the cells. Cell culture has become an important practice in life science research, and plays a central role in the development of the biotechnology industry.

The Biologix Cell Culture Series offers a range of safe and reliable basic supplies for cell transfer, filtering, and other applications.



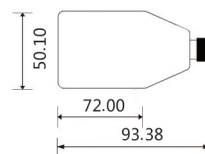
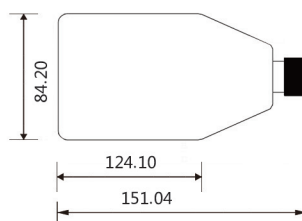
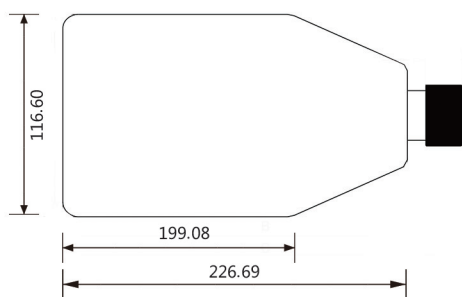
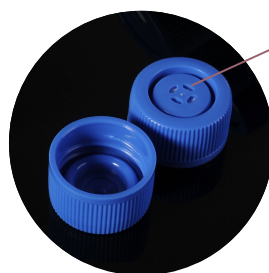
# Cell Culture Flasks



## >> Features

- Made of high quality medical grade polystyrene
- Available flask sizes include surface areas of 25 cm<sup>2</sup>, 75 cm<sup>2</sup>, or 175 cm<sup>2</sup>
- Plug cap and filter cap options available for all flask sizes
- Plug caps completely isolate the culture from the outside environment
- Filter caps prevent cross-contamination while meeting the requirements for gas exchange
- Short, wide, angled neck design for easy access
- Gamma radiation sterilized
- Non-pyrogenic, non-cytotoxic
- DNase & RNase free, human DNA free

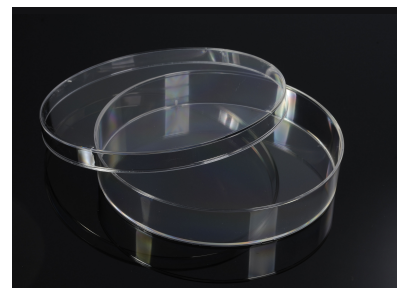
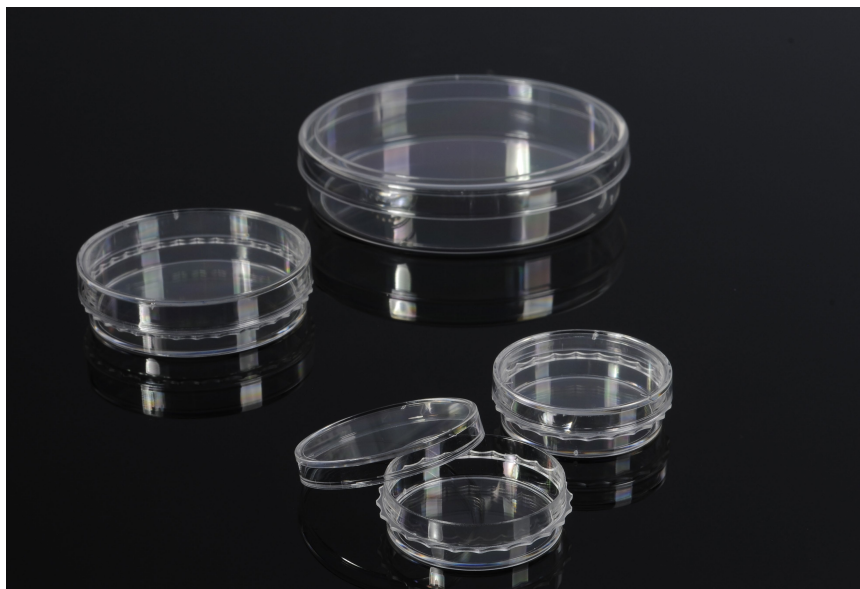
Suitable for open culture conditions, effectively preventing cross-contamination while meeting the requirements for gas exchange in cell and tissue culture



Dimensions = mm

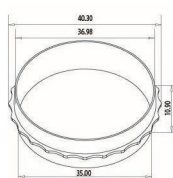
| Cat #   | Cap Type | Culture Area       | Working Volume | Total Volume | Surface Treatment | Sterile | Unit                 | Total     |
|---------|----------|--------------------|----------------|--------------|-------------------|---------|----------------------|-----------|
| 07-8025 | Filter   | 25cm <sup>2</sup>  | 7ml            | 60 ml        | Yes               | Yes     | 5 /Bag, 40 Bags/Case | 200 /Case |
| 07-8075 | Filter   | 75cm <sup>2</sup>  | 25ml           | 250ml        | Yes               | Yes     | 5 /Bag, 20 Bags/Case | 100 /Case |
| 07-8175 | Filter   | 175cm <sup>2</sup> | 50ml           | 650ml        | Yes               | Yes     | 5 /Bag, 8 Bags/Case  | 40 /Case  |
| 07-9025 | Plug     | 25cm <sup>2</sup>  | 7ml            | 60ml         | Yes               | Yes     | 5 /Bag, 40 Bags/Case | 200 /Case |
| 07-9075 | Plug     | 75cm <sup>2</sup>  | 25ml           | 250ml        | Yes               | Yes     | 5 /Bag, 20 Bags/Case | 100 /Case |
| 07-9175 | Plug     | 175cm <sup>2</sup> | 50ml           | 650ml        | Yes               | Yes     | 5 /Bag, 8 Bags/Case  | 40 /Case  |



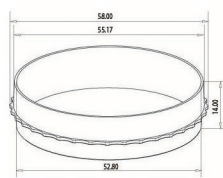


## >> Features

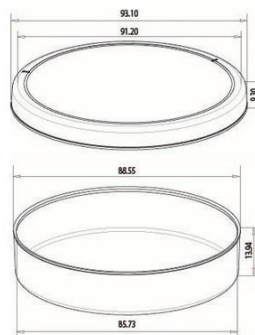
- Made of high quality medical grade polystyrene
- Lid design promotes effective gas exchange
- External grip for easier handling (07-3035 and 07-3060)
- Raised edges for convenient stacking
- Vacuum plasma surface treatment ensures excellent cell adhesion
- Smooth, transparent materials facilitate observation of cells through a microscope
- Electron beam sterilized
- Non-pyrogenic, non-cytotoxic
- DNase & RNase free, human DNA free



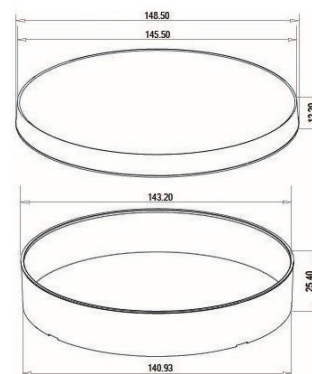
07-3035



07-3060



07-3100



07-3150

Dimensions = mm

| Cat #   | Dish style DxH(mm) | Internal Dimensions<br>D x H (mm) | Culture Area          | Working Volume | External Grip | Sterile | Unit               |
|---------|--------------------|-----------------------------------|-----------------------|----------------|---------------|---------|--------------------|
| 07-3035 | 35.00 x 10.00      | 34.30 x 9.30                      | 9.40cm <sup>2</sup>   | 3.00ml         | Yes           | Yes     | 10 /Bag, 500 /Case |
| 07-3060 | 60.00 x 15.00      | 52.80 x 12.80                     | 21.50cm <sup>2</sup>  | 5.00ml         | Yes           | Yes     | 10 /Bag, 500 /Case |
| 07-3100 | 90.00 x 20.00      | 86.26 x 17.70                     | 57.50cm <sup>2</sup>  | 12.50ml        | No            | Yes     | 10 /Bag, 200 /Case |
| 07-3150 | 150.00 x 25.00     | 140.20 x 23.30                    | 148.00cm <sup>2</sup> | 35.00ml        | No            | Yes     | 10 /Bag, 120 /Case |

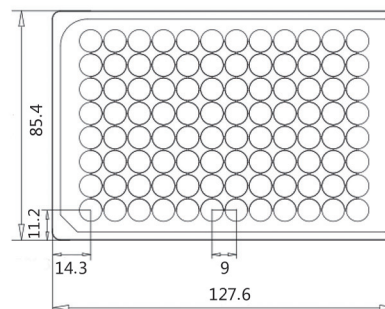
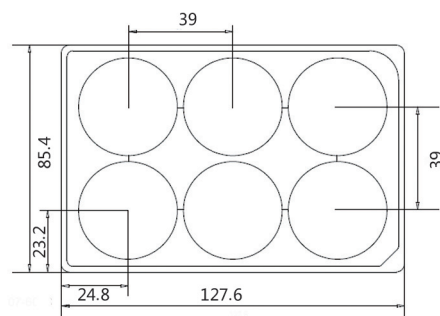


# Cell Culture Plates



## >> Features

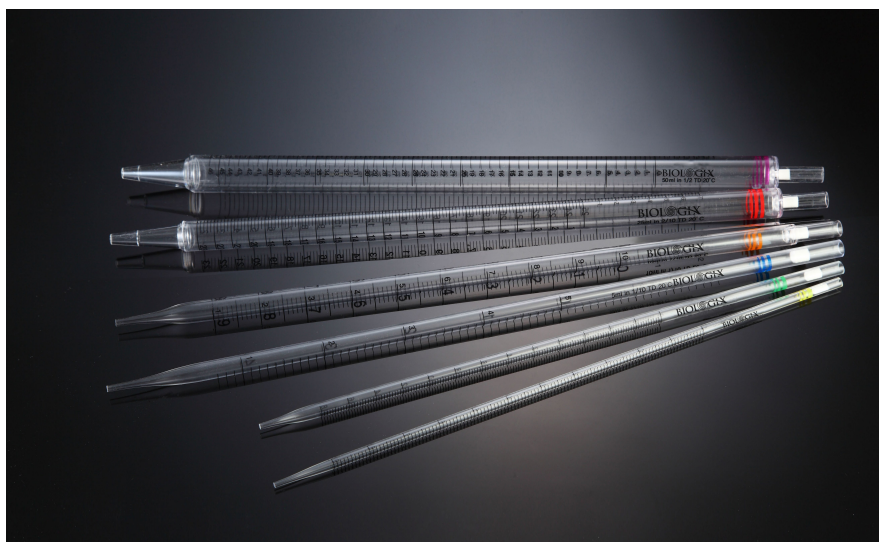
- Constructed of prime virgin polystyrene
- Plate cover design minimizes the risk of cross contamination
- Thin-walled well bottoms increase thermal consistency, reducing the edge effect
- Flat well bottoms provide excellent clarity for microscopic examination of samples
- Gamma radiation sterilized
- Non-pyrogenic, non-cytotoxic
- DNase & RNase free, human DNA free



Dimensions = mm

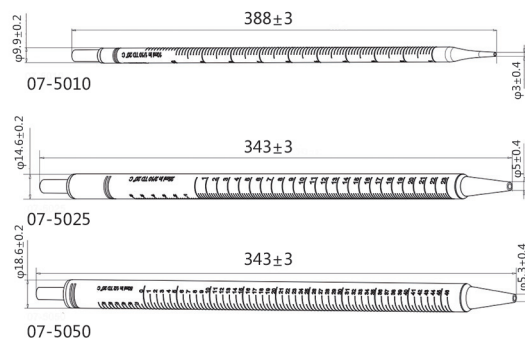
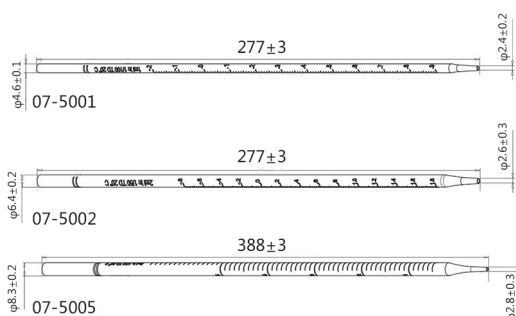
| Cat #   | Wells   | External Dimensions<br>W x L x H (mm) | Well Dimensions<br>D x H (mm) | Culture Area        | Working Volume | Sterile | Unit                 |
|---------|---------|---------------------------------------|-------------------------------|---------------------|----------------|---------|----------------------|
| 07-6006 | 6-well  | 85.40 x 127.60 x 20.20                | 35.00 x 17.50                 | 9.6cm <sup>2</sup>  | 3ml            | Yes     | 1 /Bag, 50 Bags/Case |
| 07-6012 | 12-well | 85.40 x 127.60 x 20.20                | 21.90 x 17.50                 | 3.8cm <sup>2</sup>  | 2ml            | Yes     | 1 /Bag, 50 Bags/Case |
| 07-6024 | 24-well | 85.40 x 127.60 x 20.20                | 15.50 x 17.50                 | 1.9cm <sup>2</sup>  | 1ml            | Yes     | 1 /Bag, 50 Bags/Case |
| 07-6048 | 48-well | 85.40 x 127.60 x 20.20                | 9.75 x 17.50                  | 0.75cm <sup>2</sup> | 0.5ml          | Yes     | 1 /Bag, 50 Bags/Case |
| 07-6096 | 96-well | 85.40 x 127.60 x 14.40                | 6.50 x 10.80                  | 0.33cm <sup>2</sup> | 0.2ml          | Yes     | 1 /Bag, 50 Bags/Case |

# Serological Pipettes



## >> Features

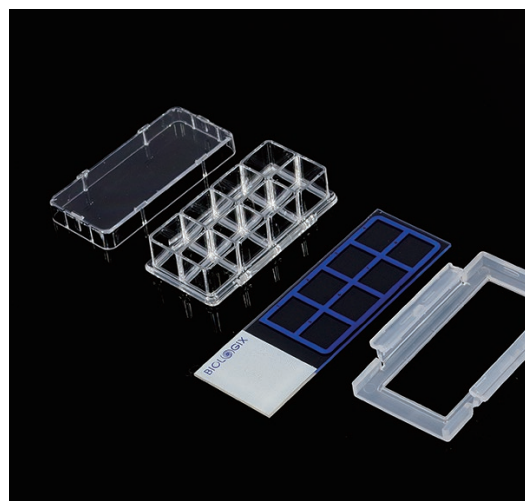
- Constructed of highly transparent prime virgin polystyrene
- Available in 1ml, 2ml, 5ml, 10ml, 25ml, 50ml volumes
- Each volume labeled with a different color for ease of use
- Ascending and descending graduations
- Filter at the top of each pipette prevents damage to pipettors
- Electron beam sterilized
- Non-pyrogenic, non-cytotoxic
- DNase & RNase free, human DNA free



Dimensions = mm

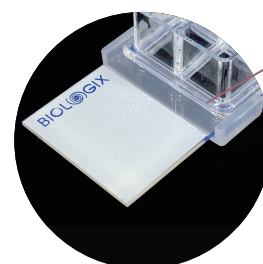
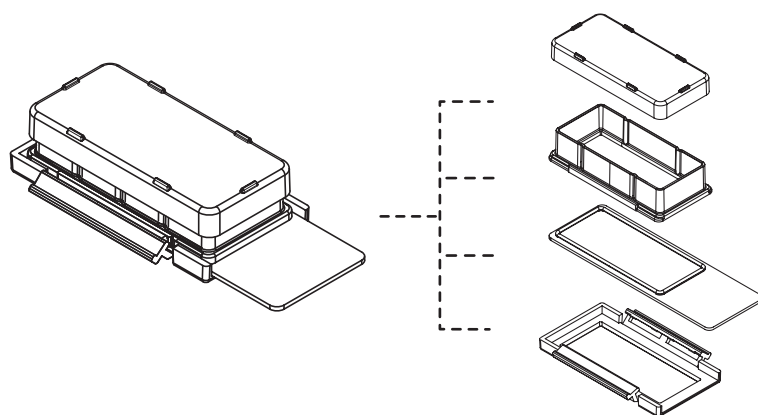
| Cat #   | Working Volume | Color  | Sterile | Unit                                | Total     |
|---------|----------------|--------|---------|-------------------------------------|-----------|
| 07-5001 | 1.00ml         | Yellow | Yes     | 1 /Bag, 200 Bags/Pack, 4 Packs/Case | 800 /Case |
| 07-5002 | 2.00ml         | Green  | Yes     | 1 /Bag, 150 Bags/Pack, 4 Packs/Case | 600 /Case |
| 07-5005 | 5.00ml         | Blue   | Yes     | 1 /Bag, 100 Bags/Pack, 4 Packs/Case | 400 /Case |
| 07-5010 | 10.00ml        | Orange | Yes     | 1 /Bag, 100 Bags/Pack, 4 Packs/Case | 400 /Case |
| 07-5025 | 25.00ml        | Red    | Yes     | 1 /Bag, 50 Bags/Pack, 4 Packs/Case  | 200 /Case |
| 07-5050 | 50.00ml        | Purple | Yes     | 1 /Bag, 40 Bags/Pack, 4 Packs/Case  | 160 /Case |

# Cell Culture Slides



## >> Features

- Easy-to-open, highly transparent slide chambers
- Chamber numbering for convenient sample identification
- Polystyrene chamber piece available with 1, 2, 4, or 8 wells
- Packing trays can be used as incubation racks in CO<sub>2</sub> incubators
- Slide and chamber apparatus can be easily disassembled without damaging samples
- EO Sterilized



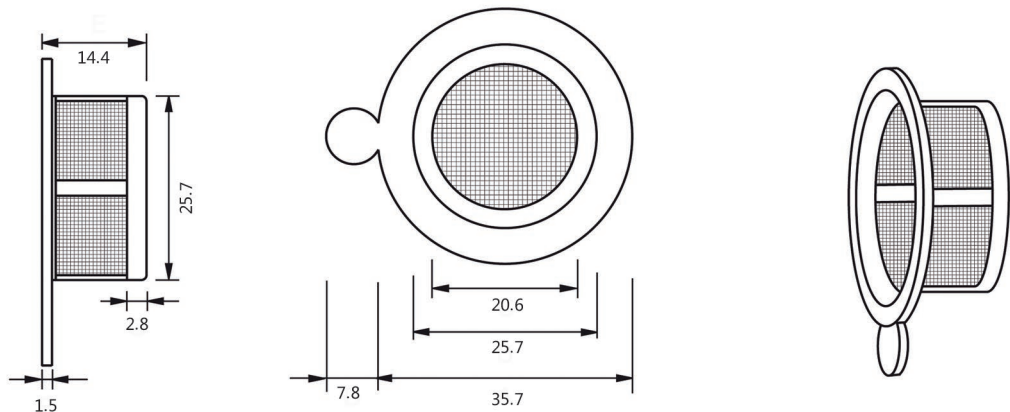
Easy-to-open,  
highly transparent  
slide chambers

| Cat #   | Material<br>Chamber/Slide/Holder | Wells  | Color | Growth Area         | Working     | Sterile | Unit                  | Total    |
|---------|----------------------------------|--------|-------|---------------------|-------------|---------|-----------------------|----------|
| 07-2101 | PS /Glass/PP                     | 1-well | Clear | 9.40cm <sup>2</sup> | 2.50-5.50ml | Yes     | 6 /Pack, 2 Packs/Case | 12 /Case |
| 07-2102 | PS /Glass/PP                     | 2-well | Clear | 4.55cm <sup>2</sup> | 1.20-2.50ml | Yes     | 6 /Pack, 2 Packs/Case | 12 /Case |
| 07-2104 | PS /Glass/PP                     | 4-well | Clear | 2.13cm <sup>2</sup> | 0.50-1.30ml | Yes     | 6 /Pack, 2 Packs/Case | 12 /Case |
| 07-2108 | PS /Glass/PP                     | 8-well | Clear | 0.98cm <sup>2</sup> | 0.20-0.60ml | Yes     | 6 /Pack, 2 Packs/Case | 12 /Case |



## >> Features

- Made of sturdy polypropylene and strong nylon mesh
- Three different pore sizes available: 40µm, 70µm, or 100µm
- Strainers are color-coded according to pore size for convenience
- Fits perfectly into Biologix 50ml Centrifuge Tubes
- Gamma radiation sterilized, non-pyrogenic

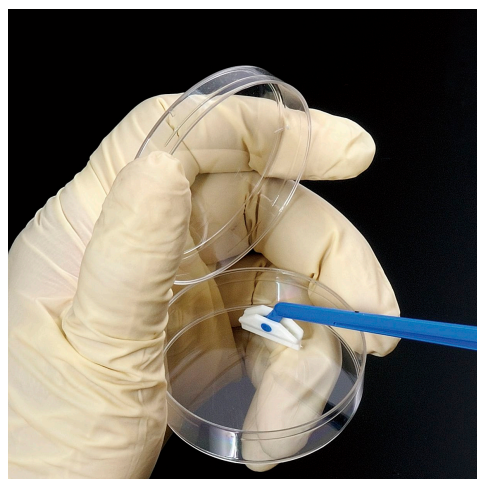


Dimensions = mm

| Cat #   | Size  | Color  | Sterile | Package    | Unit                  | Total     |
|---------|-------|--------|---------|------------|-----------------------|-----------|
| 15-1040 | 40µm  | Purple | Yes     | Individual | 1 /Bag, 100 Bags/Case | 100 /Case |
| 15-1070 | 70µm  | Orange | Yes     | Individual | 1 /Bag, 100 Bags/Case | 100 /Case |
| 15-1100 | 100µm | Green  | Yes     | Individual | 1 /Bag, 100 Bags/Case | 100 /Case |



# Cell Scrapers & Lifters



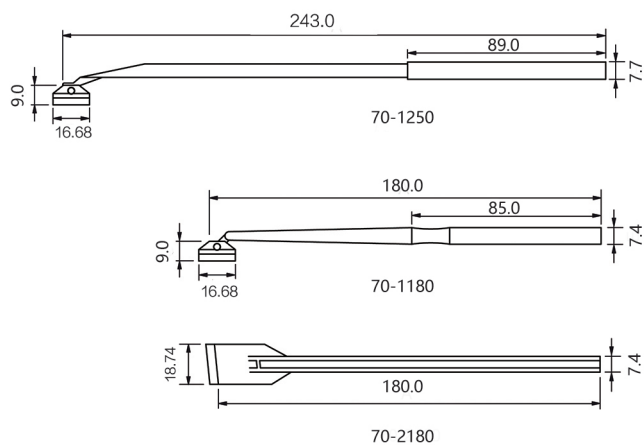
## >> Features

### Cell Scrapers

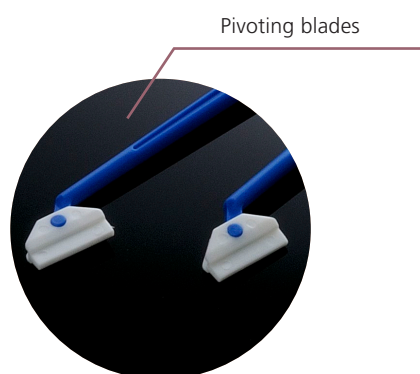
- Made of polyethylene
- Available in two sizes: 18cm or 25cm in length,
- Pivoting blade makes precise cutting and scraping movements
- Gamma radiation sterilized, non-pyrogenic

### Cell Lifters

- Made of polyethylene
- One-piece design and chiseled blade provide improved control while minimizing damage to cells
- Gamma radiation sterilized, non-pyrogenic



Dimensions = mm



| Cat #   | Name         | Handle Length | Sterile | Package    | Unit                  | Total     |
|---------|--------------|---------------|---------|------------|-----------------------|-----------|
| 70-2180 | Cell Lifter  | 18cm          | Yes     | Individual | 1 /Bag, 100 Bags/Case | 100 /Case |
| 70-1180 | Cell Scraper | 18cm          | Yes     | Individual | 1 /Bag, 100 Bags/Case | 100 /Case |
| 70-1250 | Cell Scraper | 24.3cm        | Yes     | Individual | 1 /Bag, 200 Bags/Case | 200 /Case |



# PCR Series

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PCR (polymerase chain reaction) is a technique used in molecular biology to amplify a segment of DNA, and is commonly used in both clinical and research laboratories for many applications, including DNA sequencing, diagnosis of hereditary diseases, and more. The Biologix PCR Series includes a variety of PCR tubes and plates suitable for standard PCR experiments.

# PCR Tubes

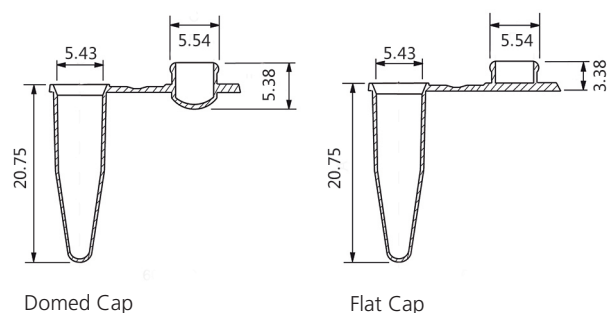


## >> Features

- Made of high quality medical grade polypropylene
- Ultra thin-wall tubes provide faster heating and cooling
- High degree of transparency allows for easy observation of samples
- Available with domed caps or flat caps
- Domed caps ensure efficient heat transfer
- Flat caps are ideal for Real-Time PCR (qPCR)
- Unique cap design prevents opening during cycling and incubation stages
- DNase, RNase, and endotoxin free

## Specifications

- Fits most standard thermocyclers
- Can withstand centrifugation of up to 6,000 RCF

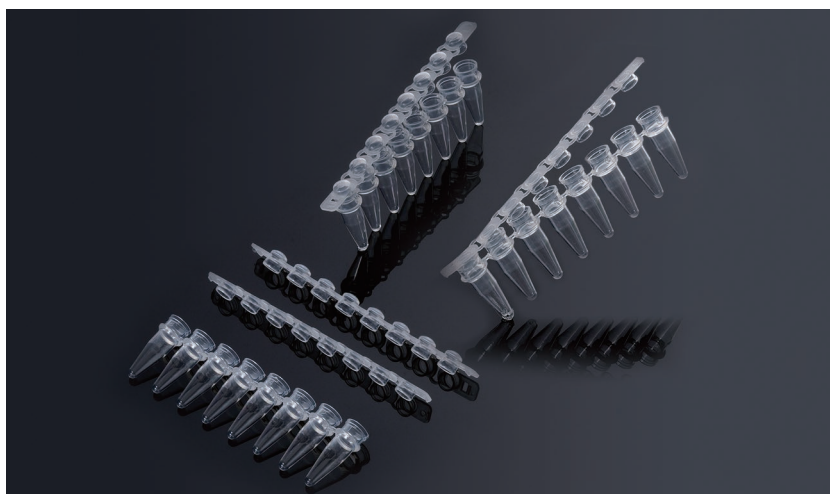


Dimensions = mm

| Cat #    | Volume | Color  | Cap         | Sterile | Unit                           | Total       |
|----------|--------|--------|-------------|---------|--------------------------------|-------------|
| 60-0082  | 0.2ml  | Clear  | Flat-top    | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0182* | 0.2ml  | Pink   | Flat-top    | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0282* | 0.2ml  | Green  | Flat-top    | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0382* | 0.2ml  | Blue   | Flat-top    | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0482* | 0.2ml  | Yellow | Flat-top    | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0002  | 0.2ml  | Clear  | Dome-shaped | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0102* | 0.2ml  | Pink   | Dome-shaped | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0202* | 0.2ml  | Green  | Dome-shaped | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0302* | 0.2ml  | Blue   | Dome-shaped | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |
| 60-0402* | 0.2m   | Yellow | Dome-shaped | No      | 1,000 /Bag/Pack, 10 Packs/Case | 10000 /Case |

\* Call for details.



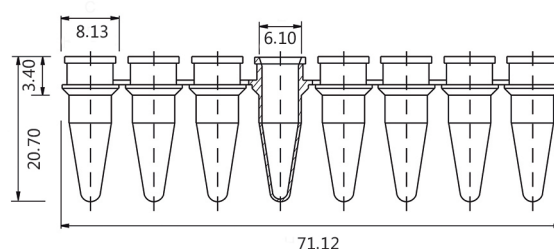


## >> Features

- Made of high quality medical grade polypropylene
- Ultra thin-wall tubes provide faster heating and cooling
- High degree of transparency allows for easy observation of samples
- Available with domed caps or flat caps
- Domed caps ensure efficient heat transfer
- Flat caps are ideal for Real-Time PCR (qPCR)
- Unique cap design prevents opening during cycling and incubation stages

## Specifications

- Fits most standard thermocyclers
- Can withstand centrifugation of up to 6,000 RCF
- Packaged in resealable bags



60-0008

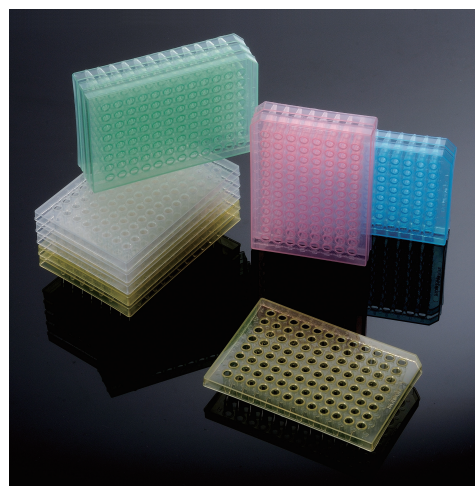
Dimensions = mm

| Cat#     | Volume | Color  | Cap Type | Sterile | Unit   |
|----------|--------|--------|----------|---------|--|
| 60-0088  | 0.2ml  | Clear  | Flat     | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0188* | 0.2ml  | Pink   | Flat     | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0288* | 0.2ml  | Green  | Flat     | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0388* | 0.2ml  | Blue   | Flat     | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0488* | 0.2ml  | Yellow | Flat     | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0008  | 0.2ml  | Clear  | Domed    | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0108* | 0.2ml  | Pink   | Domed    | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0208* | 0.2ml  | Green  | Domed    | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0308* | 0.2ml  | Blue   | Domed    | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |
| 60-0408* | 0.2ml  | Yellow | Domed    | No      | 125 Strip Tubes+125 Strip Caps/Bag/Pack, 10 Packs/Case; 1250 sets/Case |

\* Call for details.



# PCR Plates

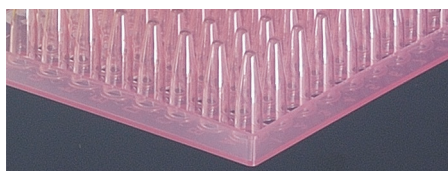


## >> Features

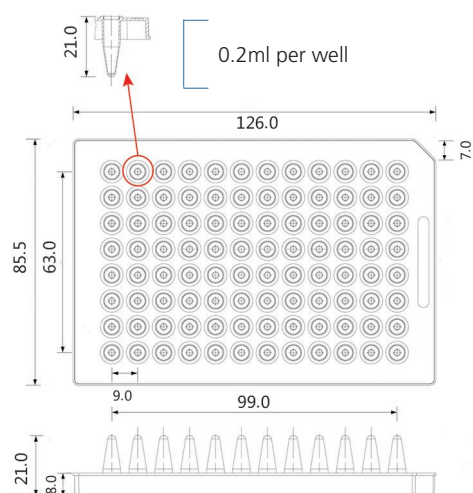
- Made of high quality medical grade polypropylene
- Ultra-thin tube walls with uniform thickness for accelerated heat transfer, shorter cycle times, and more consistent results
- Alphanumeric well labeling for convenient identification
- DNase, RNase, and endotoxin free

## Specifications

- Fits most standard thermocyclers
- Can withstand centrifugation of up to 6,000 RCF



Half-skirted plates are easy to insert and remove



Dimensions = mm

| Cat #    | Well    | Skirt        | Color  | Sterile | Unit                               | Total     |
|----------|---------|--------------|--------|---------|------------------------------------|-----------|
| 60-0056  | 96-well | Half-Skirted | Clear  | No      | 5 /Bag, 5 Bags /Pack, 4 Packs/Case | 100 /Case |
| 60-0156* | 96-well | Half-Skirted | Pink   | No      | 5 /Bag, 5 Bags /Pack, 4 Packs/Case | 100 /Case |
| 60-0256* | 96-well | Half-Skirted | Green  | No      | 5 /Bag, 5 Bags /Pack, 4 Packs/Case | 100 /Case |
| 60-0356* | 96-well | Half-Skirted | Blue   | No      | 5 /Bag, 5 Bags /Pack, 4 Packs/Case | 100 /Case |
| 60-0456* | 96-well | Half-Skirted | Yellow | No      | 5 /Bag, 5 Bags /Pack, 4 Packs/Case | 100 /Case |

\* Call for details.

# PCR Plate Compatibility

## Biologix Plates ▶

60-0056  
(Half-Skirted)



| Brand                                | Model                    |   |
|--------------------------------------|--------------------------|---|
| <b>Real Time PCR Thermal Cyclers</b> |                          |   |
| Applied Biosystems                   | 7000                     | ✓ |
|                                      | 7300                     | ✓ |
|                                      | 7500                     | ✓ |
|                                      | 7700                     | ✓ |
|                                      | 7900HT                   | ✓ |
|                                      | StepOne                  |   |
| BioRad                               | iCycler                  | ✓ |
|                                      | MyiQ                     |   |
|                                      | iQ5                      | ✓ |
| Eppendorf                            | MasterCycler ep Realplex |   |
| MJ Research                          | Opticon                  |   |
|                                      | Opticon 2                |   |
|                                      | Chromo 4                 |   |
|                                      | MX-4000                  |   |
|                                      | MX-3000                  |   |
| Techne                               | Quantica                 |   |
| <b>PCR Thermal Cyclers</b>           |                          |   |
| Applied Biosystems                   | Veriti                   | ✓ |
|                                      | 9600                     | ✓ |
|                                      | 9700                     | ✓ |
|                                      | 7800FAST                 |   |
|                                      | 2720                     | ✓ |
| Biomtra                              | Uno                      | ✓ |
|                                      | Uno II                   | ✓ |
|                                      | T1 Thermal Cycler        | ✓ |
|                                      | Tgradient                | ✓ |
|                                      | Trobot                   | ✓ |
| BioRad                               | iCycler                  | ✓ |
|                                      | MyCycler                 | ✓ |
| Corbett Research                     | PalmCycler 96            | ✓ |
|                                      | PalmCycler 384           |   |
| Eppendorf                            | Mastercycler             | ✓ |
|                                      | Mastercycler ep          | ✓ |
|                                      | Mastercycler M384        |   |
| Flexi                                | Gene                     | ✓ |
|                                      | Genius                   | ✓ |

## Biologix Plates ▶

60-0056  
(Half-Skirted)



| Brand              | Model                      |   |
|--------------------|----------------------------|---|
| Ericom             | Single Block               | ✓ |
|                    | Twin Block                 | ✓ |
|                    | Deltacycler I              | ✓ |
| ThermoHybaid       | PCR Sprint                 | ✓ |
|                    | PCR Express                | ✓ |
|                    | Multiblock System          | ✓ |
|                    | Touchdown                  | ✓ |
|                    | Omnigene                   | ✓ |
|                    | Omn-E                      | ✓ |
|                    | pxe                        | ✓ |
|                    | px2                        | ✓ |
| MJ Research        | PTC-100                    | ✓ |
|                    | PTC-200                    | ✓ |
|                    | PTC-225 Tetrad             | ✓ |
|                    | Dyad/Disciple              | ✓ |
| MWG                | Primus 96                  | ✓ |
|                    | Primus 384                 |   |
| Stratagene         | Robocycler                 |   |
| TaKaRa             | TP240                      |   |
|                    | TP3000                     | ✓ |
| Techne             | Touchgene Gradient (TC512) | ✓ |
|                    | Genius (TC412)             | ✓ |
|                    | Touchgene X                | ✓ |
| <b>Sequencers</b>  |                            |   |
| Applied Biosystems | 3100                       | ✓ |
|                    | 3130                       | ✓ |
|                    | 3700                       | ✓ |
|                    | 3730/3730x                 | ✓ |

This chart is intended only as a general guide. Compatibility may vary based on your particular configuration and features. For further help with product selection, please contact us.

FOR TECHNICAL INFORMATION, VISIT [WWW.BIOLOGIXGROUP.COM](http://WWW.BIOLOGIXGROUP.COM)

# Microbiology Series

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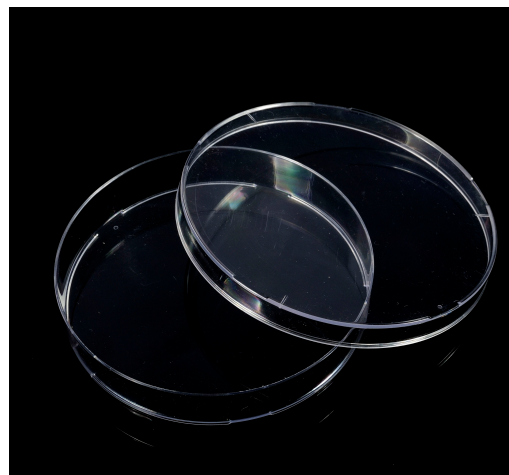
Microbiology is the study of microbial morphology, physiology, biochemistry, genetic variation, and more.

It plays an important role in the study of genetic engineering, as well as disease control and prevention.

Our Microbiology Series of products covers all your basic microbiology supply needs.



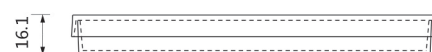
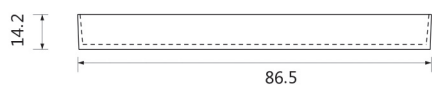
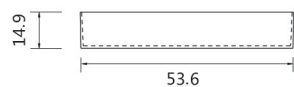
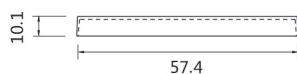
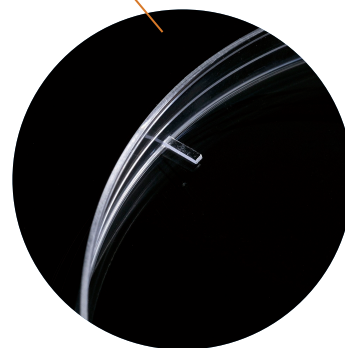




## >> Features

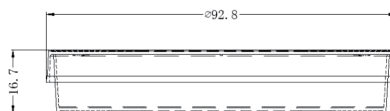
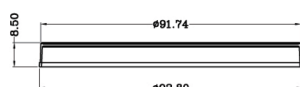
- Made of medical grade polystyrene
- Highly transparent for microscopic analysis
- Three sizes available: 60mm, 90mm, or 150mm in diameter
- 66-1701 fit automatic systems
- Vented lid for better gas exchange
- Dishes are stackable
- EO Sterile

Vents for gas exchange



66-1560

66-1501



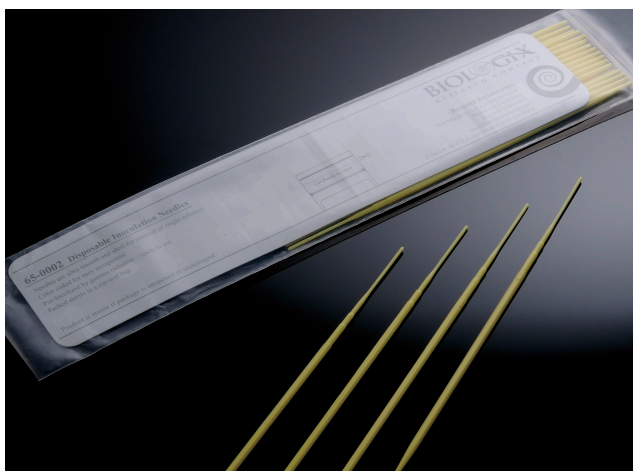
66-1701

Dimensions = mm

| Cat #   | Size (mm) | Color | Sterile | Unit                  | Total     |
|---------|-----------|-------|---------|-----------------------|-----------|
| 66-1560 | 60x15     | Clear | Yes     | 10 /Bag, 50 Bags/Case | 500 /Case |
| 66-1501 | 90x15     | Clear | Yes     | 10 /Bag, 50 Bags/Case | 500 /Case |
| 66-1701 | 90x17     | Clear | Yes     | 10 /Bag, 50 Bags/Case | 500 /Case |
| 66-1515 | 150x15    | Clear | Yes     | 10 /Bag, 20 Bags/Case | 200 /Case |

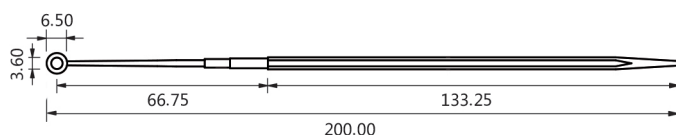


# Inoculating Loops & Needles

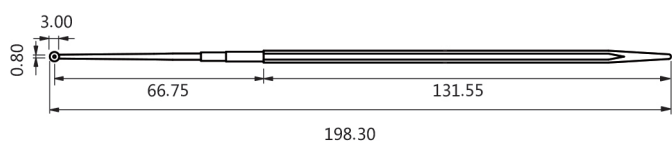


## >> Features

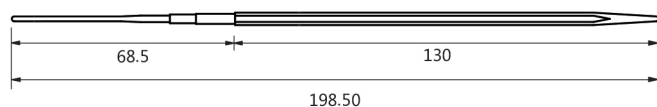
- Made of medical grade polystyrene
- Loops available in 1 $\mu$ L and 10 $\mu$ L sizes
- The opposite end of each loop can be used as a needle
- Needles are suitable for removal of single-colony specimens
- Gamma radiation sterilized, non-pyrogenic
- Packaged in resealable bags



65-0010 Can be used as needles

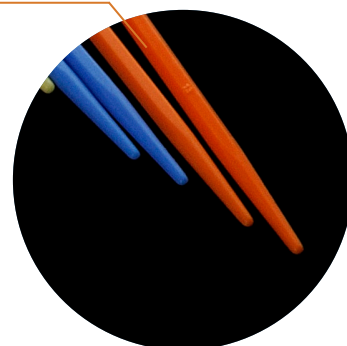


65-0001

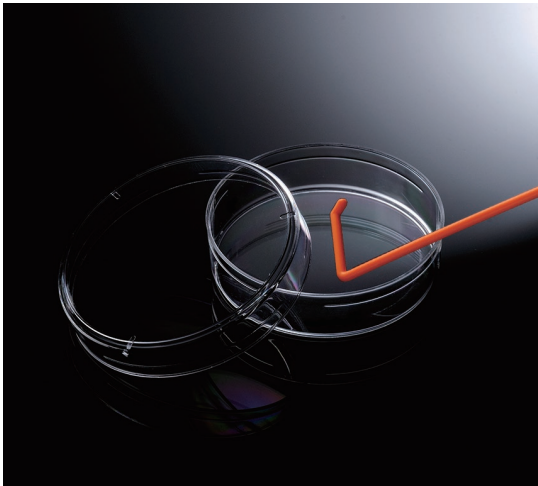
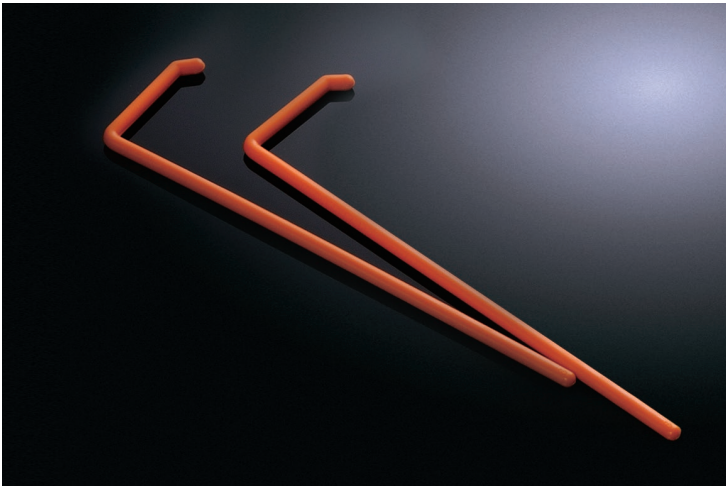


65-0002

Dimensions = mm



| Cat #   | Size       | Description | Color  | Sterile | Unit                  | Total      |
|---------|------------|-------------|--------|---------|-----------------------|------------|
| 65-0001 | 1 $\mu$ L  | Loops       | Blue   | Yes     | 25 /Bag, 40 Bags/Case | 1000 /Case |
| 65-0010 | 10 $\mu$ L | Loops       | Orange | Yes     | 25 /Bag, 40 Bags/Case | 1000 /Case |
| 65-0002 | -          | Needles     | Yellow | Yes     | 25 /Bag, 40 Bags/Case | 1000 /Case |



>> Features

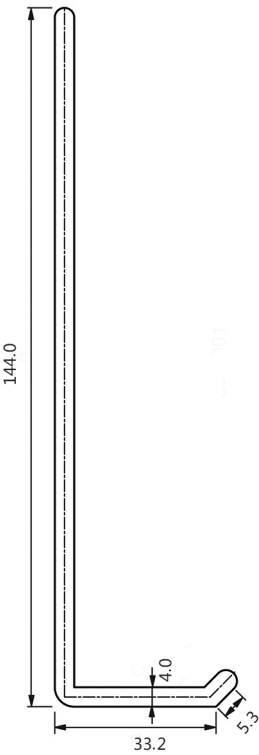
- Polystyrene
- Smooth surface quality and angled end reduce the risk of damaging the culture medium
- L-shape allows application on the entire Culture Dish or plate surface
- Two package options: individually wrapped (sterile), or 10 per bag (sterile, resealable)
- Gamma radiation sterilized



Individually plastic packaging



Zip-seal packaging



Dimensions = mm

| Cat #   | Color  | Sterile | Unit                  | Total     |
|---------|--------|---------|-----------------------|-----------|
| 65-1001 | Orange | Yes     | 1 /Bag, 500 Bags/Case | 500 /Case |
| 65-1010 | Orange | Yes     | 10 /Bag, 50 Bags/Case | 500 /Case |

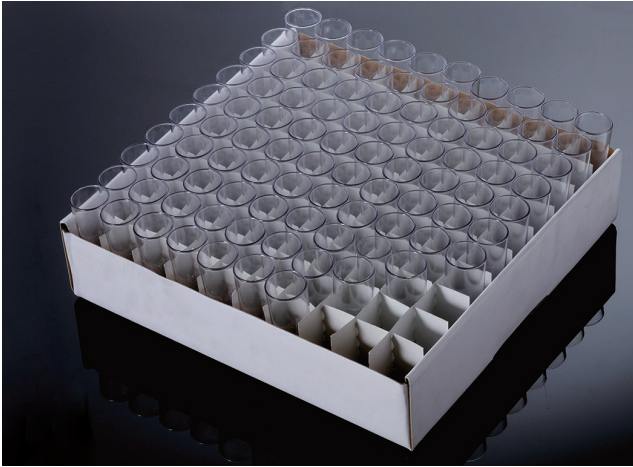
A close-up photograph of a person in a laboratory setting. They are wearing a white lab coat, a blue hairnet, safety glasses, and a white surgical mask. They are also wearing white gloves and holding a test tube with a blue cap. The background is blurred, showing laboratory equipment.

# Drosophila Culture

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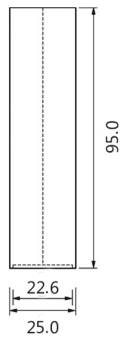
Drosophila Culture is the culture of *Drosophila melanogaster* fruit flies, which is a common practice in the fields of genetics and developmental biology, due to the convenience of raising *D. melanogaster*, its rapid breeding rate, and the ease with which its morphology can be identified. Our Drosophila Culture Series includes vials, bottles, and foam plugs in bulk or tray packaging.



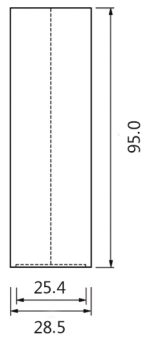


## >> Features

- Made of premium grade polystyrene
- Glass-like clarity for sample observation
- Disposable vials are a safe and cost-effective alternative to glass vials
- Narrow or wide vials available
- Both narrow and wide vials are available in bulk or tray packaging
- Tray packs are great for quick, effortless filling of vials



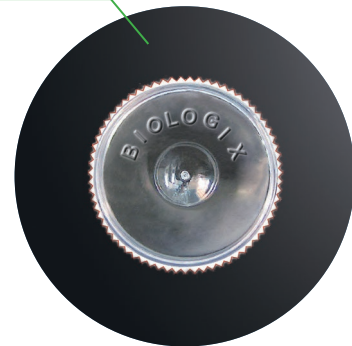
51-0500



51-0800

Dimensions = mm

Your can put your logo here



| Cat #   | Description | Dimensions (mm) | Sterile | Packaging | Unit                    | Total     |
|---------|-------------|-----------------|---------|-----------|-------------------------|-----------|
| 51-0500 | Narrow      | 25 x 95         | No      | Bulk      | 25 /Bag, 20 Bags/Case   | 500 /Case |
| 51-0501 | Narrow      | 25 x 95         | No      | Tray      | 100 /Tray, 5 Trays/Case | 500 /Case |
| 51-0800 | Wide        | 28.5 x 95       | No      | Bulk      | 25 /Bag, 20 Bags/Case   | 500 /Case |
| 51-0801 | Wide        | 28.5 x 95       | No      | Tray      | 100 /Tray, 5 Trays/Case | 500 /Case |



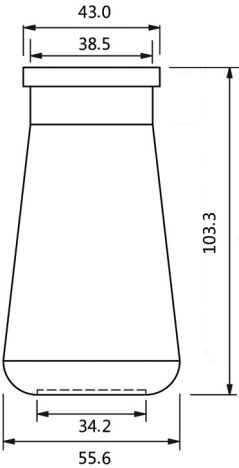
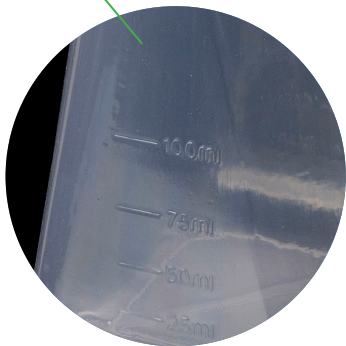
# Drosophila Bottles



## >> Features

- Made of clear polypropylene
- Autoclavable
- Transparent bottle with square bottom
- Firm, stiff neck for easier handling

Molded graduations



Dimensions = mm

| Cat #    | Sterile | Packaging | Unit                   | Total     |
|----------|---------|-----------|------------------------|-----------|
| 51-17720 | No      | Bulk      | 200 /Bag, 1 Bag/Case   | 200 /Case |
| 51-17721 | No      | Tray      | 25 /Tray, 8 Trays/Case | 200 /Case |



## >> Features

- Made of high density foam
- Causes minimal shedding and reduces evaporation
- Maintains tight fit after repeated use and removal
- Fits Biologix Drosophila vials and bottles

Flat surface accepts can be marked



51-0505



51-0805



51-17725

| Cat #    | Applied #      | Fits                    | Sterile | Unit                   | Total      |
|----------|----------------|-------------------------|---------|------------------------|------------|
| 51-0505  | 51-0500/0501   | Narrow Drosophila Vials | No      | 100 /Bag, 10 Bags/Case | 1000 /Case |
| 51-0805  | 51-0800/0801   | Wide Drosophila Vials   | No      | 100 /Bag, 10 Bags/Case | 1000 /Case |
| 51-17725 | 51-17720/17721 | Drosophila Bottles      | No      | 50 /Bag, 20 Bags/Case  | 1000 /Case |





## Instruments

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In addition to consumable lab supplies, laboratory instruments are also important tools for life science research. High-quality lab instruments can greatly improve research efficiency and ensure precise and accurate results. Biologix now supplies small laboratory instruments for a wide variety of applications, including liquid handling, mixing, PCR, centrifuging, electrophoresis, and more.



## dPette Digital Pipette

### Features

- Comprehensive range of liquid handling protocols
- Three aspiration/dispensing speeds
- Motor-drive with built-in error control
- Efficient lithium-ion rechargeable battery
- Autoclavable lower barrel



01-2306



## Micro PettePlus Pipettes

### Features

- Convenient one-handed operation
- Fully autoclavable
- Compatible with most standard pipette tips

### Pipette Stand (01-2306)

- Holds up to six single- or multi-channel pipettes

| Cat #   | Type                     | Channels | Volume Range (µL) | Tip Volume |
|---------|--------------------------|----------|-------------------|------------|
| 01-241X | dPette Digital Pipette   | 1        | 0.5-10µL          | 0.01µL     |
| 01-242X | dPette Digital Pipette   | 1        | 5-50µL            | 0.1µL      |
| 01-243X | dPette Digital Pipette   | 1        | 30-300µL          | 1µL        |
| 01-244X | dPette Digital Pipette   | 1        | 100-1000µL        | 5µL        |
| 01-2101 | MicroPette Plus Pipettes | 1        | 0.5-10µL          | 0.1µL      |
| 01-2104 | MicroPette Plus Pipettes | 1        | 10-100µL          | 1µL        |
| 01-2102 | MicroPette Plus Pipettes | 1        | 20-200µL          | 1µL        |
| 01-2110 | MicroPette Plus Pipettes | 1        | 100-1000µL        | 5µL        |
| 01-2115 | MicroPette Plus Pipettes | 1        | 1000-5000µL       | 50µL       |
| 01-2122 | MicroPette Plus Pipettes | 1        | 2-20µL            | 0.5µL      |
| 01-2155 | MicroPette Plus Pipettes | 1        | 5-50µL            | 0.5µL      |
| 01-2801 | MicroPette Plus Pipettes | 8        | 0.5-10µL          | 0.1µL      |
| 01-2805 | MicroPette Plus Pipettes | 8        | 5-50µL            | 0.5µL      |
| 01-2830 | MicroPette Plus Pipettes | 8        | 50-300µL          | 5µL        |



# Liquid Handling



## Levo ME Pipette Filler

### Features

- Ergonomic shape and intuitive operation
- Pressure-sensitive buttons: increasing pressure increases aspiration/dispensing speed
- Autoclavable hydrophobic filter prevents over-aspiration
- LED light indicates aspiration/dispensing, charging, and low battery

| Cat #   | Type    | Aspiration Speeds                      | Dispensing Speeds  | Battery Life                 | Compatible Pipette Types                                |
|---------|---------|--|--------------------|------------------------------|---|
| 01-221X | Levo ME | aspirates 25mL of water in < 7 seconds | gravity dispensing | 8+ hours of intermittent use | glass or plastic pipettes (0.1-100mL), Pasteur pipettes |



## Levo Plus Pipette Filler

### Features

- Eight aspiration and dispensing speeds
- LCD display shows speed settings and remaining battery life
- Efficient lithium-ion battery can last for up to 8 hours of intermittent use
- Integral, autoclavable silicone adapter suits use with 0.1-100 mL pipettes

| Cat #   | Type      | Aspirate Speeds     | Dispense Speeds           | Battery Life                 | Compatible Pipette Types                                |
|---------|-----------|---------------------|---------------------------|------------------------------|---|
| 01-220X | Levo Plus | 25ml < 5s (8 shift) | Motor (8 shift) / Gravity | 8+ hours of intermittent use | glass or plastic pipettes (0.1-100mL), Pasteur pipettes |



## SAFEVAC Vacuum Aspiration System

### Features

- Integrated pump with adjustable vacuum control
- Self-closing connectors for quick installation and dismantling, prevention of drips, and containment of aerosols
- Liquid level sensor prevents overflow
- Single-channel and multi-channel nozzles and other accessory options available

| Cat #   | Vacuum range | Pump flow rate | Dimensions [W x D x H] | Weight | Input voltage         | Bottle volume |
|---------|--------------|----------------|------------------------|--------|-----------------------|---------------|
| 01-270X | 0 - 600 mbar | 1-15 ml/s      | 180 x240 x 450mm       | 3 kg   | 100-240 VAC, 50/60 Hz | 4L            |



## Laboratory Fluid Collection System

### Features

- Filmed inner wall
- Connection type: Can be connected with fluid instruments of various brands
- Funnel type: Equipped with the valve funnel
- High sealing performance
- Equipped with super efficient filter with connector
- Optional: Liquid level alarm



| Cat #   | Product                           | Description   | Unit       |
|---------|-----------------------------------|---|------------|
| 05-2720 | Connection type                   | One 20L security bucket with inner film , One inner cover, One outer cover, One set of liquid-phase connector, One set of efficient filter connector, One inorganic or organic filter | 1 Set/Case |
| 05-2721 | Funnel type                       | One 20L security bucket with inner film , One inner cover, One outer cover, One funnel with a cover, One set of efficient filter connector, One inorganic or organic filter           | 1 Set/Case |
| 05-2791 | Super efficient filter            | norganic chemical filter  | 1 Set/Case |
| 05-2792 | Super efficient filter            | Organic chemical filter   | 1 Set/Case |
| 05-2793 | Liquid lever alarm                | Tactile liquid lever alarm  | 1 Set/Case |
| 05-2797 | Liquid carrying cart(standard)    | Adjustable size; one cart and one tray  | 1 Set/Case |
| 05-2798 | Liquid carrying cart(intelligent) | djustable size; one cart and one tray; equipped with intelligent module   | 1 Set/Case |

# Stirrers



## Classic Magnetic Stirrer

### Features

- Powerful rare-earth permanent magnet
- PET stirring plate provides excellent chemical resistance
- Stand included



## FlatSpin Magnetic Stirrer

### Features

- Ultra-flat, space-saving design
- Automatic rotation-reversing stirring for better mixing results
- Slip-resistant and stable



## Magnetic Stirrer Hotplate

### Features

- Digital control system
- ABS casing is fire-retardant and resistant to weak acids and bases
- Ceramic-coated stainless steel hotplate is chemically resistant and scratch-proof
- Safety feature: HOT caution indicator is displayed at 50°C and above

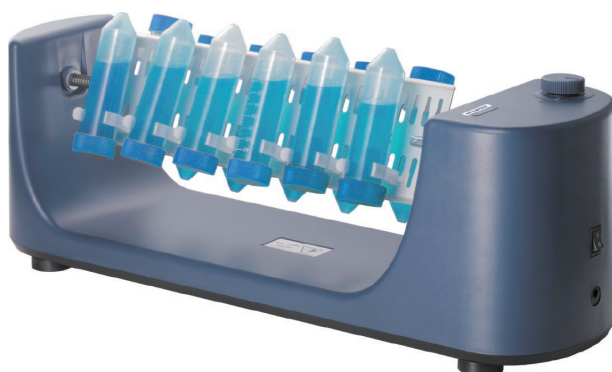
| Cat #   | Type     | Stirring plate size [mm] | Motor input rating [W] | Motor output rating [W] | Max. stirring quantity [L, H <sub>2</sub> O] | Speed range [rpm] | Overheating Protection [°C] |
|---------|----------|--------------------------|------------------------|-------------------------|--|-------------------|-----------------------------|
| 01-330X | Classic  | Ø 120                    | 7.2                    | 1.2                     | 1.5  | 300-2000          | -                           |
| 01-320X | FlatSpin | Ø 90                     | 5                      | 3                       | 0.8  | 15-1500           | -                           |
| 01-310X | Hotplate | Ø 135                    | 5                      | 3                       | 3  | 100-1500          | 320                         |



## Vortex Mixer

### Features

- Orbital mixing movement
- Touch and continuous operation settings
- Cast aluminum base and specially designed vacuum suction feet keep the mixer stable
- Various adapters and accessories available for use with tubes of different sizes ( $\Phi 6\text{mm}$ ,  $\Phi 10\text{mm}$ ,  $\Phi 12\text{mm}$ ,  $\Phi 16\text{mm}$ ,  $\Phi 20\text{mm}$  test tubes and vessels  $<99\text{mm}$  in diameter)



Classic Rotators (axial)



Classic Rotators (radial)

## Classic Rotators

### Features

- End-over-end rotation
- Compact, space saving design
- Various adapters available for use with 1.5mL-50mL tubes

| Cat #   | Type            | Speed range [rpm] | Operation mode             | Voltage [V]     | Power [W] |
|---------|-----------------|-------------------|----------------------------|-----------------|-----------|
| 01-110X | Vortex Mixer    | 0-2500            | Touch operation/Continuous | 110-120/220-230 | 60        |
| 01-120X | Classic Rotator | 0-80              | Continuous                 | 100-240         | 20        |
| 01-130X | Classic Rotator | 0-80              | Continuous                 | 100-240         | 20        |



# Shakers



## Linear and Orbital Shakers

### Features

- Continuous operation
- Sturdy aluminum-alloy platform
- Tray platform, non-slip mat, and elastic bands included
- Various platforms available

| Cat #   | Type           | Power [W] | Operation type | Max. load capacity (with platform) [kg] | Shaking speed range [rpm] |
|---------|----------------|-----------|----------------|---|---------------------------|
| 01-610X | Linear Shaker  | 30        | Continuous     | 3                                       | 40-200                    |
| 01-620X | Orbital Shaker | 30        | Continuous     | 3                                       | 40-200                    |



## LED Digital Linear and Orbital Shakers

### Features

- Timed and continuous operation
- LED displays for timer and shaking speed

| Cat #   | Type                       | Power [W] | Operation type | Max. load capacity (with platform) [kg] | Shaking speed range [rpm] |
|---------|----------------------------|-----------|----------------|---|---------------------------|
| 01-611X | LED Digital Linear Shaker  | 30        | Continuous     | 3                                       | 40-200                    |
| 01-621X | LED Digital Orbital Shaker | 30        | Continuous     | 3                                       | 40-200                    |



## Rocking and 3D Shakers

### Features

- Continuous operation
- Sturdy aluminum-alloy platform
- Tray platform, non-slip mat, and elastic bands included
- Various platforms available for use with different types of vessels

| Cat #   | Type           | Power [W] | Shaking motion  | Tilt angle | Max. load capacity (with platform) [kg] | Shaking speed range [rpm] |
|---------|----------------|-----------|-----------------|------------|---|---------------------------|
| 01-630X | Rocking Shaker | 20        | See-saw rocking | 7°         | 3                                       | 10-80                     |
| 01-640X | 3D Shaker      | 20        | 3D orbital      | 7°         | 3                                       | 10-80                     |



## LED Digital Rocking and 3D Shakers

### Features

- Timed and continuous operation
- LED displays for timer and shaking speed

| Cat #   | Type                       | Power [W] | Shaking motion  | Tilt angle | Max. load capacity (with platform) [kg] | Shaking speed range [rpm] |
|---------|----------------------------|-----------|-----------------|------------|---|---------------------------|
| 01-631X | LED Digital Rocking Shaker | 20        | See-saw rocking | 7 °        | 3                                       | 10-80                     |
| 01-641X | LED Digital 3D Shaker      | 20        | 3D orbital      | 7 °        | 3                                       | 10-80                     |

# Thermocyclers



## Gradient Thermocycler

### Features

- Thermal gradient: program different temperatures across different areas of the heating block
- Consistent and uniform sealing across entire heating block
- Intuitive touch-screen user interface



## Thermocycler

### Features

- Consistent and uniform sealing across entire heating block
- Intuitive touch-screen user interface

| Cat #   | Type                  | Heating Temperature Range [°C] | Temperature Display Accuracy [°C] | Max. Heating/Cooling Rate [°C/s] | Gradient Temperature Setting Range [°C] | Gradient Range [°C] |
|---------|-----------------------|--------------------------------|-----------------------------------|----------------------------------|---|---------------------|
| 01-700X | Gradient Thermocycler | 4-99                           | 0.1                               | 3                                | 30-99                                   | 1-42                |
| 01-710X | Thermocycler          | 4-99                           | 0.1                               | 3                                | -                                       | -                   |



## Palm Micro Centrifuge

### Features

- Quick acceleration and deceleration
- Rotors for microcentrifuge tubes, PCR tubes, and PCR 8-strip tubes included.
- Quiet, low-noise design

| Cat #   | Type                  | Speed Range [rpm] | Max. RCF [xg] | Rotor Capacity   |
|---------|-----------------------|-------------------|---------------|--|
| 01-800X | Palm Micro Centrifuge | 7000              | 2680          | 0.2ml/0.5ml/1.5ml/2ml x 8;<br>0.2ml PCR tubes x 16 or 0.2ml PCR 8-strips x 2 |



## Mini and Mini-Plus High Speed Centrifuges

### Features

- Brushless DC motor quickly accelerates rotor to the set speed
- Rotors are designed for 1.5ml and 2ml microcentrifuge tubes; adapters for 0.2ml and 0.5ml tubes are also available

### Specifications

01-821X (Mini-Plus) with 01-8291 plastic rotor kit\*

- Low noise: 54dB; delivers fast acceleration and deceleration

| Cat #   | Type                       | Speed Range [rpm]            | Max. RCF [xg]            | Rotor Capacity                   | Speed Accuracy [rpm] | Temperature Range [°C] |
|---------|----------------------------|------------------------------|--------------------------|----------------------------------|----------------------|------------------------|
| 01-821X | Mini High Speed Centrifuge | 500-15000;<br>increment: 100 | 15100;<br>increment: 100 | 0.2ml/0.5ml/<br>1.5ml/2.0ml x 12 | ±20                  | N/A                    |



# Centrifuges



## High Speed Micro-Centrifuge

### Features

- Bio-safe rotor prevents sample overflow and ensures samples do not leak during the centrifuging process
- High strength aluminum alloy rotor is autoclavable and highly durable
- Four different rotors are available, assembled with 1.5ml/2ml x 24



## High Speed Refrigerated Micro-Centrifuge

### Features

- Powerful cooling system quickly cools chamber to 2°C after only 7 minutes, and keeps sample temperature below 2°C while centrifuging at maximum speed
- FastTemp: pre-cooling feature begins cool down prior to operation and ensures maximal temperature accuracy inside the chamber
- Four different rotors are available, assembled with 1.5ml/2ml x 24

| Cat #   | Type                                     | Speed Range [rpm]          | Max. RCF [xg]           | Rotor Capacity   | Speed Accuracy [rpm] | Temperature Range [°C] |
|---------|--|----------------------------|-------------------------|--|----------------------|------------------------|
| 01-830X | High Speed Micro-Centrifuge              | 200-15000;<br>increment:10 | 21380;<br>increment: 10 | 5mlx18; 0.2ml/0.5ml/<br>1.5ml/2ml x 24;<br>0.5ml x 36;PCR8 x 4 | ±20                  | N/A                    |
| 01-831X | High Speed Refrigerated Micro-Centrifuge |                            |                         |  |                      | -20-40                 |



## Dry Bath Incubator

### Features

- A broad temperature range, from room temperature to 120°C
- Continuous and timed operation settings
- Over-temperature protection
- Various interchangeable heating blocks are available (0.2ml x 54, 0.5ml x 40, 1.5/2ml x 40, 5/15ml x 28, 50ml x 8, 0.2ml+0.5ml+1.5/2ml, 96 or 384 well plate)

| Cat #   | Type               | Functions | Temperature uniformity [°C] | Overheating protection | Max heating rate [°C/min] |
|---------|--------------------|-----------|-----------------------------|------------------------|---------------------------|
| 01-910X | Dry Bath Incubator | Heating   | Max $\pm 0.5$               | 140 °C                 | 5.5                       |



## Hot/Cold Dry Bath Incubator

### Features

- Excellent temperature control system
- Can maintain hot or cold temperatures
- Supports creating and saving custom operation programs
- Various interchangeable heating blocks are available (24 x 0.5ml, 24 x 1.5ml, 24 x 2ml, 8 x 5ml, 8 x 15ml, 4 x 50ml, well plate, 0.2 x 96 PCR plate)

| Cat #   | Type              | Functions         | Temperature range   | Temperature control accuracy [°C, at 20–45°C] | Max heating rate [°C/min] |
|---------|-------------------|-------------------|---|---|---------------------------|
| 01-920X | Hot/Cold Dry Bath | Heating & cooling | Heating: room temp. ~110°C<br>Cooling: room temp. ~ below room temp. 25°C | $\pm 0.5$                                     | 5.5                       |

# Dry Bath Incubators



## Shaker Incubator

### Features

- Excellent temperature control system
- Can maintain hot or cold temperatures
- Orbital shaking movement function
- Supports creating and saving custom programs
- Various interchangeable heating blocks are available (24 x 0.5ml, 24 x 1.5ml, 24 x 2ml, 8 x 5ml, 8 x 15ml, 4 x 50ml, well plate, 0.2 x 96 PCR plate)

| Cat #   | Type             | Functions                  | Temperature range   | Max heating rate [°C/min] | Max cooling rate [°C/min]                        | Shaking speed range [rpm] |
|---------|------------------|----------------------------|---|---------------------------|--|---------------------------|
| 01-930X | Shaker Incubator | Heating, cooling, & mixing | Heating: room temp. ~100°C<br>Cooling: room temp. ~ below room temp. 25°C | 5.5                       | 5 (110°C - room temp.)<br>0.5 (below room temp.) | 300–1500                  |



One Block Unit



Dual Block Unit

## Elite Series Dry Bath Incubators

### Features

- PID temperature control maintains temperature accuracy
- Leak-proof molded aluminum alloy chamber with PTFE coating
- Multi-functional: can also be used as a water bath or bead bath
- Various interchangeable heating blocks are available (0.2ml tubes x 64 or PCR 8-strip tubes x 8, 0.5ml tubes x 20, 1.5ml or 2.0ml tubes x 20, 15ml x centrifuge tubes x12, 50ml x centrifuge tubes x4)

\* Blocks are not included, need to buy separately.

| Cat #   | Type                                       | Display     | Temperature Control Range [°C] | Temperature Increment [°C] | Temperature Accuracy at 37 [°C] | Operation Modes                        |
|---------|--|-------------|--------------------------------|----------------------------|---------------------------------|--|
| 03-4221 | Elite Series One-Block Dry Bath Incubator  | LCD Display | 5 above ambient to 150         | 0.10                       | ±20                             | Continuous or timed up to 99 hr:59 min |
| 03-4222 | Elite Series Dual Block Dry Bath Incubator |             |                                |                            |                                 |  |



Mini 300V Power Supply



300V Power Supply

## Power Supplies

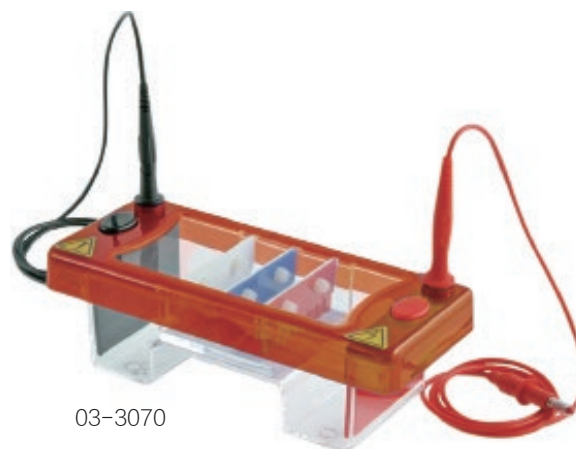
### Features

- Stackable and programmable
- Multiple safety features: no-load detection, shrouded plugs and sockets, leakage detection, over-temperature protection, crossover protection, full floating, over-current/over-voltage detection

| Cat #   | Type                   | Output Voltage / Inc [V] | Output Current / Inc [mA] | Max Power [W] |
|---------|------------------------|--------------------------|---------------------------|---------------|
| 03-1300 | Mini 300V Power Supply | 10-300/1                 | 10-400/1                  | 60            |
| 03-2310 | 300V Power Supply      | 5-300/1                  | 1-700/1                   | 150           |



03-3100



03-3070

## Electrophoresis Tanks

### Features

- Injection molded, leak-proof tank
- No tapes, clamps, or springs required
- Low buffer consumption
- Multiple tray sizes and combs available

| Cat #   | Tank Dimensions [W x L x H] | Gel Dimensions [mm] | Max. Sample Capacity [mm]            | Rapid Casting Gel |
|---------|-----------------------------|---------------------|--------------------------------------|-------------------|
| 03-3070 | 210 x 90 x 90mm             | 70 x 70, 70 x 100   | 32 for 70 x 70    64 for 70 x 100    | Offer gel maker   |
| 03-3100 | 220 x 125 x 90mm            | 100 x 70, 100 x 100 | 50 for 100 x 70    100 for 100 x 100 | Offer gel maker   |



# BluView Transilluminator

Super bright blue LED lights can be used with a variety of safe dyes, and the lights are harmless and safe to view the experiment result. You can cut the gel with accuracy. With its compact size and light weight, the transilluminator occupies little of your lab bench and is easy to move from lab to lab.



## BluView Transilluminator

### Features

- Compact, and easy to carry
- Aluminum alloy casing design
- Low heat dispersion
- Energy saving product
- 470nm harmless blue light for direct human contact
- Thinner and more lightweight body
- Use accessories to document experiment results by a smart phone

| Cat #   | Blue Light Wavelength [nm] | Base Design | Construction Material | Power Adaptor      | Filter Viewing Surface Dimensions [mm] |
|---------|----------------------------|-------------|-----------------------|--------------------|--|
| 03-6210 | 470                        | Flat bed    | Aluminum alloy        | 12VDC/5A, 60W Max. | 153×153                                |

# Application Guidelines

## Maximum centrifugal acceleration force can be influenced by following criteria:

- Use of organic solutions, temperature below 0°C, centrifuging without centrifuge adapter, etc. Conduct a trial run to determine proper conditions before any critical use begins.
- The RCF (relative centrifugal force) or G ratings for our disposable centrifuge tubes have been established at room temperature using tubes filled to nominal capacity with water and centrifuging for 30 minutes. recommended carriers, adapters, and cushions that fully support the tubes. If an angle head rotor is used or proper support is not provided, G values will be lower.
- Do not confuse speed or revolutions per minute (RPM) with relative centrifugal force (RCF). Instructions for centrifuging a sample at a given RPM and time are incomplete unless the rotor or radius is specified. Protocols should always state the time and RCF value for centrifuging a sample.

## Autoclaving guideline for Plastics

To ensure successful steam sterilization of your plastic labware please adhere to the following guidelines:

PLEASE NOTE THAT NOT ALL PRODUCTS ARE AUTOCLAVABLE. Autoclave plastic consumables at 121°C and 15psi/1 atm for 15 minutes. Do not use a dry cycle, as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to 80°C or below before removing products.

## Our Commitment to Quality

At Biologix, we look at quality from every angle in terms of functionality, safety, purity, formulation, consistency, manufacturing, customer service, technical support, and much more, all in order to consistently ensure customer satisfaction.

According to the detailed QA/QC procedures for our manufacturing facility, each and every product is traceable by lot, regardless of packaging format. Products must go through a five-step human inspection before being released for packaging.

Our facility is equipped with the latest instruments and technology from the most trusted manufacturers, ensuring that Biologix applies the most stringent standards to certify that products are free from RNase, DNase, endotoxin (pyrogens), etc.

In addition to being ISO 9001:2008, CE, and FDA compliant, we also make available to our customers lot-specific certificates such as Sterilization Certificates, Nuclease Free Certificates, Certificates of Origin, etc. Certificates of Compliance can also be downloaded directly from our website: [www.BiologixGroup.com](http://www.BiologixGroup.com).

Note: Product parameters within this catalogue are for reference only.

# Chemical Resistance Form

For Biologix Plastic Laboratory Supplies

|                                  | PS | PP | HDPE | LDPE | PVC | CA | PC | CN | NY | MCE | PTFE | PET |
|----------------------------------|----|----|------|------|-----|----|----|----|----|-----|------|-----|
| <b>Acids</b>                     |    |    |      |      |     |    |    |    |    |     |      |     |
| Hydrochloric acid (25%)          | G  | G  | G    | G    | G   | N  | R  | R  | N  | O   | R    | R   |
| Hydrochloric acid (concentrated) | F  | G  | G    | G    | F   | N  | R  | N  | N  | N   | R    | O   |
| Nitric acid (concentrated)       | P  | P  | N    | N    | P   | N  | R  | N  | N  | N   | O    | N   |
| Nitric acid (25%)                | P  | G  | F    | F    | F   | N  | R  | L  | N  | O   | R    | R   |
| <b>Alcohols</b>                  |    |    |      |      |     |    |    |    |    |     |      |     |
| Butanol                          | G  | G  | G    | G    | G   | R  | R  | R  | R  | R   | R    | R   |
| Ethanol                          | G  | G  | G    | G    | G   | R  | R  | N  | R  | O   | R    | R   |
| Methanol                         | G  | G  | G    | G    | G   | R  | R  | N  | R  | O   | R    | R   |
| <b>Amines</b>                    |    |    |      |      |     |    |    |    |    |     |      |     |
| Aniline                          | G  | G  | G    | G    | P   | N  | N  | R  | R  | N   | R    | O   |
| Dimethylformamide                | P  | G  | G    | G    | F   | N  | N  | N  | R  | N   | R    | N   |
| <b>Bases</b>                     |    |    |      |      |     |    |    |    |    |     |      |     |
| Ammonium hydroxide (25%)         | F  | G  | G    | G    | G   | R  | N  | R  | R  | O   | N    | O   |
| Ammonium hydroxide (1N)          | F  | G  | G    | G    | G   | N  | N  | R  | R  | O   | N    | N   |
| Sodium hydroxide                 | G  | G  | G    | G    | G   | N  | N  | N  | R  | N   | R    | N   |
| <b>Hydrocarbons</b>              |    |    |      |      |     |    |    |    |    |     |      |     |
| Hexane                           | P  | G  | G    | G    | F   | R  | R  | R  | R  | R   | R    | R   |
| Toluene                          | P  | G  | N    | N    | P   | R  | O  | R  | R  | R   | R    | N   |
| Xylene                           | P  | F  | P    | N    | P   | R  | R  | R  | R  | R   | R    | N   |
| Dioxane                          | P  | G  | G    | F    | P   | N  | N  | N  | R  | N   | R    | R   |
| Dimethylsulfoxide (DMSO)         | P  | G  | G    | G    | P   | N  | N  | N  | R  | N   | R    | O*  |
| <b>Halogenated Hydrocarbons</b>  |    |    |      |      |     |    |    |    |    |     |      |     |
| Chloroform                       | P  | G  | P    | N    | P   | N  | N  | R  | R  | N   | R    | R   |
| Methylene chloride               | P  | F  | P    | N    | P   | N  | N  | R  | R  | N   | R    | N   |
| <b>Ketones</b>                   |    |    |      |      |     |    |    |    |    |     |      |     |
| Acetone                          | P  | G  | G    | G    | P   | N  | O  | N  | R  | N   | R    | R   |
| Methyl ethyl diketone            | P  | G  | G    | G    | P   | N  | O  | N  | R  | O   | R    | R   |

\* Can be used with aqueous solutions containing up to 20% DMSO.

The above chemical resistance chart is meant to be used as a guide only.

## LEGEND

R = Recommended  
L = Limited Resistance  
N = Not Recommended  
O = Testing Advised

F = Fair  
G = Good  
P = Poor

PS = Polystyrene  
PP = Polypropylene  
PVC = Polyvinyl Chloride  
CA = Cellulose Acetate  
PC = Polycarbonate

PTFE = Polytetrafluorethylene (Teflon)  
CN = Cellulose Nitrate  
NY = Nylon  
MCE = Mixed Cellulose Esters  
PET = Polyethylene Terephthalate

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