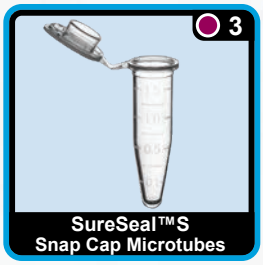
MTC Bio™

MTC Bio Incorporated

- Molecular Biology Plastics
- Liquid Handling Instruments
- Sample Storage Solutions



2024-2025
Product Catalog



SureSeal™S
Snap Cap Microtubes



ClearSeal™
Screw Cap Microtubes



ClearSeal™ Generic
Screw Cap Microtubes



ScrewSeal™
Screw Cap Microtubes



Snap Cap MacroTubes®
5mL Centrifuge Tubes



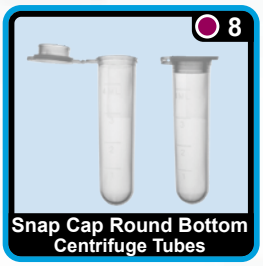
Screw Cap MacroTubes®
5mL Centrifuge Tubes



MacroTube® Vivid
5mL Centrifuge Tubes



MacroTube® Accessories



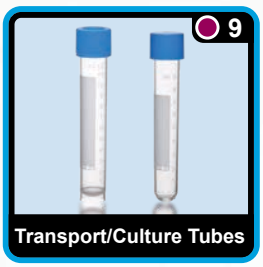
Snap Cap Round Bottom
Centrifuge Tubes



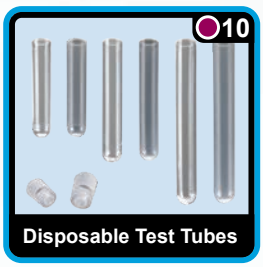
Sterile Transport Tubes



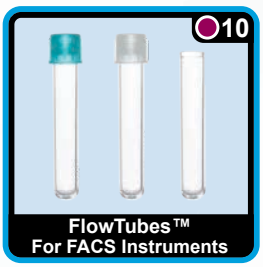
Culture Tubes



Transport/Culture Tubes



Disposable Test Tubes



FlowTubes™
For FACS Instruments



DuoClick™ Culture Tubes
Two-Position Screw Caps



Centrifuge Tubes
10, 15, 25, 30, 50mL



ProSeries™ Tubes
High Performance Tubes



TotalPure™
Metal-Free Tubes



SpectraTube™
Color-Coded Tubes



Large Volume Tubes
175, 225, 250, 500mL



Deep Well Plates
24, 48, 96, 384 Well Plates



Silicone Sealing Mats
24, 96, 384 Well Mats



Automation Reservoirs
1-384 Channel Options



Tip Combs
8, 24, 96 Tips



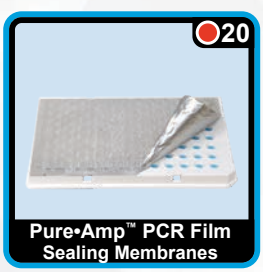
Pure•Amp™ PCR
Tubes, Strips, and Caps



Pure•Amp™ PCR Plates
Skirted and Non-Skirted



SureFrame™ PCR
Two-Component Plates



Pure•Amp™ PCR Film
Sealing Membranes



Erlenmeyer Flasks



SureStrain™
Premium Cell Strainers

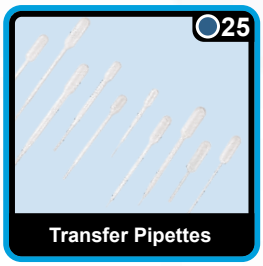

22
ReadyStrain™
Sterile Cell Strainer Kits

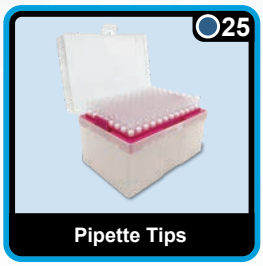

23
Serological Pipettes


23
ProPette™ Manual
Pipette Controller


24
ProPette™ Electronic
Pipette Controller


24
ProPette REACH™
Pipette Controller


25
Transfer Pipettes


25
Pipette Tips


26
ProPette LE™
Single or Multichannel


27
Halo™
Single Channel Pipettors


28
Solution Reservoirs


29
nUVaClean™
UV Pipette Carousel


30
Pipette Racks


31
Cryogenic Vials
Internal / External Thread


32
Racks and Boxes


33
BetterBox™
Microtube Storage Boxes


33
CoolCaddy™
PCR Workstation


33
BioBucket™
Collapsible Lab Bucket


34
Polycarbonate Boxes
Hinged-Lid Freezer Boxes


34
FlipTop™ Boxes
Cardboard Freezer Boxes


35
Western Blotting Boxes



36
Western Blotting Film

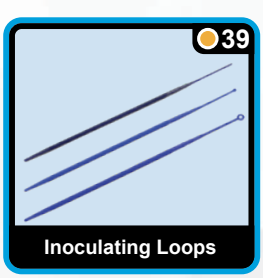

37
BenchBin™
Benchtop Biohazard Bin

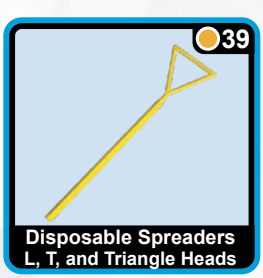

37
BowTie™ Biohazard
Bin and Drawstring Bags



38
Biohazard Bags
Autoclavable Waste Bags


38
Microscope Slides
Positive Charged


39
Inoculating Loops

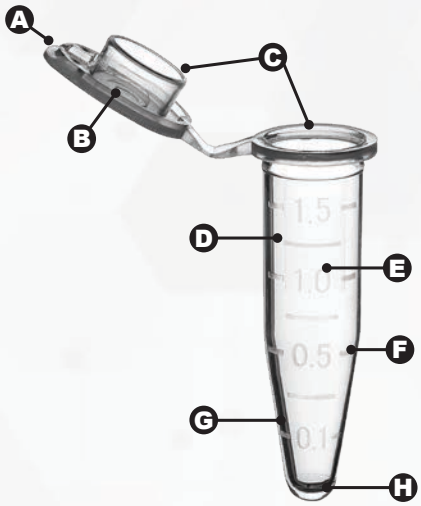

39
Disposable Spreaders
L, T, and Triangle Heads


40
Flip 'n Fold™ Bags
Sterile Sampling Bags


40
Weigh Boats


41
Laboratory Labelers

SureSeal™S Microtubes



- **A** Smooth rounded lip prevents "Red Thumb Syndrome"
- **B** Thin inner circle allows through-cap injection
- **C** Raised rim snaps into grooved seal with a "click"
- **D** BioClear™ polypropylene enhances clarity and minimizes distortion
- **E** Frosted marking surface on non-graduated side
- **F** Vivid graduations at 0.1mL and every 0.25mL
- **G** Nano-polished molding produces an ultra-smooth interior surface
- **H** Reinforced conical bottoms withstand extreme g-forces

Free Stop-Pops™ in every pack



Maintain your seal at higher temperatures

Self-Standing Zip-Lock Bag



Sterile and resealable

Sterile is standard
by electron beam radiation

Self-standing bag
with re-sealable zip top

Stop-Pops™ included
10 cap-locks in each bag

With a variety of unique design advances, SureSeal™S Tubes improve sample visualization, safety, stability, and overall ease of use. Enzyme digests, DNA isolation and purification, incubation, and general sample storage are just a few examples of their applications.

SureSeal™S Tubes are manufactured using only BioClear™ co-polymers, providing maximum, polypropylene clarity while maintaining high centrifugal strength and temperature tolerances.

The oversized cap, combined with the unique ring & groove closure, enhances the security of the liquid-tight seal, while minimizing the required locking forces for a more ergonomic opening and closing of the tube caps.

1.5mL available in these great colors





C2000* - 10×38mm

2.0mL Natural Color Molded Graduations



C2002 - 10×38mm

0.5mL: Natural / Assorted



C2007 / C2007-AST

Single Color Bags of 50

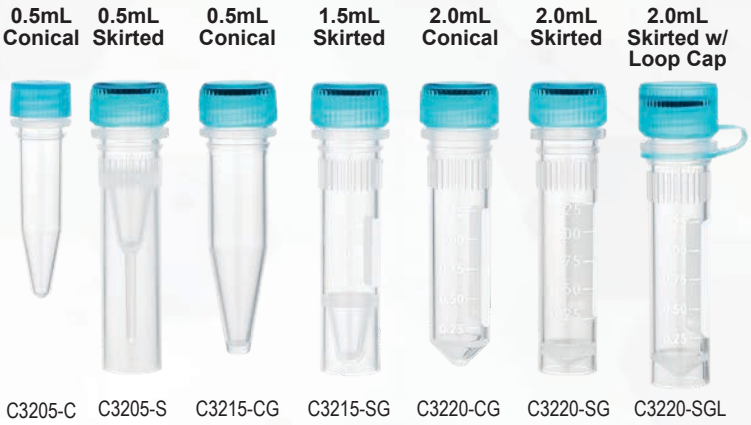


C2000-50AST

CAT. NO.	DESCRIPTION	QTY
C2000*	1.5mL, Microtube w/ Cap, Sterile, Natural Color*, Self-Standing Bag w/ Stop-Pops™	500
C2000-AST	1.5mL, Microtube w/ Cap, Sterile, Assorted Colors, Self-Standing Bag w/ Stop-Pops™	500
C2000-50	1.5mL, Microtube w/ Cap, Sterile, Natural Color, 10 Self-Standing Bags of 50	500
C2000-50AST	1.5mL, Microtube w/ Cap, Sterile, Assorted Colors, 10 Self-Standing Bags of 50, 2 Bags per Color	500
C2002	2.0mL, Microtube w/ Cap, Sterile, Natural Color, Self-Standing Bag w/ Stop-Pops™	500
C2007	0.5mL, Microtube w/ Cap, Sterile, Natural Color, Self-Standing Bag	500
C2007-AST	0.5mL, Microtube w/ Cap, Sterile, Assorted Colors, Self-Standing Bag	500
C2086	StopPop™ Locking Clips, w/ Breakaway Lifting Tabs, for 1.5mL Tubes	100
C4010	PolyPestle™ Double-Sided Pestle, for Microtubes and Cell Strainers (page 37) Sterile, Individually Wrapped	50

*For individual colors, please add "-B" for Blue, "-G" for Green, "-O" for Orange, "-P" for Purple, "-R" for Red, "-Y" for Yellow, or "-OB" for Opaque Black

NEW! ClearSeal™ Screw Cap Microtubes



- Leak-proof O-ring seal
- Ultra-clear polypropylene
- Packaged in resealable bags of 50
- Sterile; RNase, DNase, and pyrogen free
- Available with white, printed graduations

Made from ultra-clear polypropylene, these screw cap microtubes include assembled caps with silicone O-rings that assure a leak-proof seal from -86°C to +121°C

All ClearSeal™ Screw Cap Microtubes are sterile; RNase, DNase, & pyrogen free; and may be centrifuged at up to 22,000×g.

Material:
Polypropylene
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 22,000×g



CAT. NO.	DESCRIPTION	QTY
C3205-C	0.5mL, Screw Cap Microtube, Sterile, Non-Graduated, w/ O-Ring, Conical Bottom, 20 Resealable Bags of 50	1000
C3205-S	0.5mL, Screw Cap Microtube, Sterile, Non-Graduated, w/ O-Ring, Self-Standing, 20 Resealable Bags of 50	1000
C3215-CG	1.5mL, Screw Cap Microtube, Sterile, Non-Graduated, w/ O-Ring, Conical Bottom, 20 Resealable Bags of 50	1000
C3215-SG	1.5mL, Screw Cap Microtube, Sterile, Printed Graduations, w/ O-Ring, Self-Standing, 20 Resealable Bags of 50	1000
C3220-CG	2.0mL, Screw Cap Microtube, Sterile, Printed Graduations, w/ O-Ring, Conical Bottom, 20 Resealable Bags of 50	1000
C3220-SG	2.0mL, Screw Cap Microtube, Sterile, Printed Graduations, w/ O-Ring, Self-Standing, 20 Resealable Bags of 50	1000
C3220-SGL	2.0mL, Screw Cap Microtube, Sterile, Printed Graduations, w/ O-Ring Loop Caps, Self-Standing, 20 Resealable Bags of 50	1000

NEW! ClearSeal™ Generic Microtubes

2.0mL w/ Natural Cap



C3170 (Cap: C3175-N)

- Ideal for packaging applications
- Non-printed and non-graduated
- Colored caps available
- Available sterile or bulk non-sterile



C3175-AST



Assorted Color Screw Caps for 2.0mL tubes

CAT. NO.	DESCRIPTION	QTY
C3170	2.0mL, Microtube, Sterile, Non-Graduated, w/ O-Ring and Attached Colorless Caps, 20 Resealable Bags of 50	1000
C3172	2.0mL, Microtube, Non-Sterile, Non-Graduated, Without Caps, Non-Printed, 1000 Tubes per Bulk Bag	1000
C3175-N	Screw Cap for 2.0mL Microtubes, Non-Sterile, Natural Color w/ O-Ring	1000
C3175-AST	Screw Cap for 2.0mL Microtube, Non-Sterile, Assorted Colors (Blue, Green, Orange, Red, Yellow) w/ O-Ring	1000

ScrewSeal™ Screw Cap Microcentrifuge Tubes

1.5mL Conical



C3150-S

1.5mL Loop Cap



C3150-SL

2.0mL Skirted



C2230

2.0mL Amber Skirted



C2230-AM

- **Ultra-clear polypropylene**
- **Leak-proof O-ring seal**
- **Light-blocking amber available**
- **Sterile; RNase, DNase, and pyrogen free**

Material:
Tube: Polypropylene Cap: HDPE
Tube Diameters:
13mm Diameter
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 22,000 × g

CAT. NO.	DESCRIPTION	QTY
C3150-S	1.5mL, w/ O-ring, Non-Graduated, Conical Bottom, 10 Bags of 100	1000
C3150-SL	1.5mL, w/ Loop Caps, w/ O-Ring, Non-Graduated, Conical Bottom, 10 Bags of 100	1000
C2230	2.0mL, w/ Screw Cap, w/ O-Ring, Molded Graduations, Self-Standing, 10 Bags of 100	1000
C2231-W	2.0mL, w/ Screw Cap, w/ O-Ring, molded graduations, self-standing, individually wrapped	500
C2230-AM	2.0mL, Amber, w/ Screw Cap, w/ O-Ring, Molded Graduations, Self-Standing, 10 bags of 100	1000

C2231-W
2.0mL - Individually Wrapped



5mL Snap Cap MacroTubes®



- **Compatible with standard equipment**
- **Easy-open flip top**
- **Syringe port in cap**
- **Exceptional clarity**
- **Dual Graduations at 0.2 and 0.5mL**

Available in these great colors!





Also Available: Opaque Black



C2500-OB

MTC Bio's 5mL MacroTubes® scale up the conveniences of standard 1.5mL tubes for larger volumes. These tubes come with an attached cap that provides a tight, leak-proof seal, and can also be opened (or closed) with one hand. The cap is designed to provide a secure seal from -86°C to +80°C. CapLock™ Clips (page 7) are available to keep your seal secure in temperatures between 80°C and 121°C.

They have the same diameter as standard 15mL tubes for compatibility with centrifuge rotors, etc. In many applications, they have replaced 15mL tubes, reducing plastic waste, storage space and shipping costs. Contamination of pipettor shafts can be eliminated because the tube length is short enough for standard 1mL and/or 5mL tips to reach the tube's conical bottom.

Material:
Polypropylene
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 25,000 × g

CAT. NO.	DESCRIPTION	QTY
C2500	5mL, Snap Cap MacroTube®, Natural Color, Non-Sterile, 4 Bags of 50	200
C2520	5mL, Snap Cap MacroTube®, Natural Color, Sterile, 10 Bags of 20	200
C2500-B	5mL, Snap Cap MacroTube®, Blue, Non-Sterile, 4 Bags of 50	200
C2500-G	5mL, Snap Cap MacroTube®, Green, Non-Sterile, 4 Bags of 50	200
C2500-R	5mL, Snap Cap MacroTube®, Red, Non-Sterile, 4 Bags of 50	200
C2500-Y	5mL, Snap Cap MacroTube®, Yellow, Non-Sterile, 4 Bags of 50	200
C2500-OB	5mL, Snap Cap MacroTube®, Opaque Black, Non-Sterile, 4 Bags of 50	200
C2500-AST	5mL, Snap Cap MacroTube®, Rainbow Pack, Non-Sterile, 4 bags of 50	200

5mL Screw Cap MacroTubes®

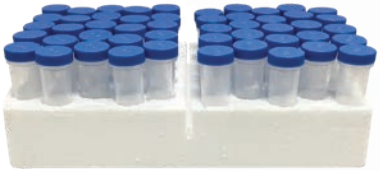


- **Compatible with standard equipment**
- **Centrifuge at up to 25,000×g**
- **Dual graduations at every 0.2mL and 0.5mL**
- **RNase, DNase, and pyrogen free**
- **Exceptional clarity**

Material:
Tube: Polypropylene Cap: HDPE
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 25,000×g

MTC Bio's 5mL Screw Cap MacroTubes® take all the conveniences of standard 15mL conical tubes and scales them down for space efficiency and decreased natural resource consumption.

50 Tube Foam Racks

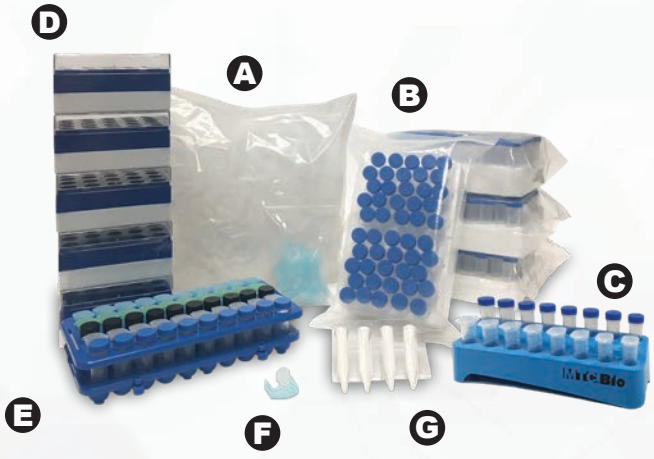


Useful from -86°C to 121°C, these tubes are a valuable resource for boiling and for sample preservation at very low temperatures. Choose from sterilized racked packaging with attached caps or non-sterile bulk packaging with separate caps. The foam racks are similar to the packaging normally associated with 15mL tubes (upright with caps attached), but they require about 60% less storage space.

CAT. NO.	DESCRIPTION	QTY
C2540	5mL Screw Cap MacroTube® Sterile, Screw Caps Attached, 10 Racks of 50	500
C2540-OB	5mL Screw Cap MacroTube® Sterile, Screw Caps Attached, Opaque Black 10 Racks of 50	500
C2535	5mL Screw Cap MacroTube® Sterile, w/ Screw Caps, 5 Bags of 100	500
C2530	5mL Screw Cap MacroTube® Non-Sterile, w/ Separately Packed Screw Caps	500
C2500-SK	5mL MacroTube® Starter Kit. Includes the Items Below:	1

C2500-SK

5mL Starter Kit Includes the Following:



- **A 200 Sterile Snap-Cap Tubes (C2520)**
- **B 200 Sterile Screw-Cap Tubes (C2540)**
- **C 1 Pipetting Rack (C2590)**
- **D 5 Polycarbonate 25-Place Freezer Box (C2581)**
- **E 1 Decanting Grip Rack (C2592)**
- **F 4 Adapters for 15mL rotors (C2570)**
- **G 20 CapLock™ Clips (C2586)**

5mL MacroTubes® Vivid™ NEW!



- Vivid printed graduations
- Ultra-clear polypropylene
- RNase, DNase, pyrogen free
- Resealable sterile packaging

Material:
Tube: Polypropylene Cap: HDPE
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 25,000×g



Packaged in sterile racks of 50 tubes



Racks snap apart into two racks of 25

CAT. NO.	DESCRIPTION	QTY
C2545	5mL MacroTube® Vivid, w/ White Printed Graduations and Marking Area, Sterile, w/ Screw Caps Attached, 10 "Snap Apart" Racks of 50 tubes	500

5mL MacroTube® Accessories

WATCH THE VIDEO!



CapLock™ Clip
C2586

Polycarbonate



25-Place Freezer Box
C2581

Cardboard



25-Place Freezer Box
C2580-25

Cardboard



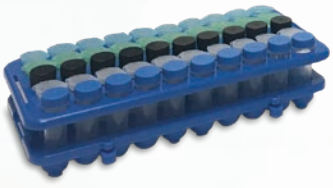
36-Place Freezer Box
C2580-36



2-Tier Pipetting Rack
C2590



MyFuge™5D Mini-Centrifuge
C2595



Decanting Rack
C2592

CAT. NO.	DESCRIPTION	QTY
C2590	2-Tiered Rack for 5mL MacroTubes®, 16-place	1
C2592	Rack for 50 MacroTubes®, Fits 5mL Snap Cap or Screw Cap Tubes, w/ Silicone Grip Wells	1
C2586	CapLock™ Clip, w/ Breakaway Lifting Tabs for 5mL Tubes	20
C2570	Adapter, 5mL in 15mL Cavity	4
C2580-25	25-Place Cardboard Freezer Box, Fits Snap Cap 5mL MacroTubes®, 5.25×5.25×3 Inches	5
C2580-36	36-Place Cardboard Freezer Box, Screw Cap 5mL MacroTubes®, 5.25×5.25×3 Inches	5
C2581	25-Place Polycarbonate Freezer Box, 17.4mm Well Diameter, Fits 5mL Tubes	5
C2595	MyFuge™5D Mini-Centrifuge for 4×5mL Tubes, 5,500rpm | 1,690×g	1



Adapter for 5mL Tube in 15mL Centrifuge
C2570

NEW! Snap Cap Round Bottom Tubes

10mL



C0910

- **Microtube convenience in larger capacities**
- **Attached caps seal at the rim with a "click"**
- **Frosted marking area**
- **Sterile, easy-open bags of 100 tubes**
- **Molded graduations**

Material:
Polypropylene
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 4,000×g
Dimensions:
5mL - 12×55mm
7mL - 13×62mm
10mL - 14×82mm

Stop fumbling with the caps for your centrifuge tubes!

MTC Bio's new hinged cap centrifuge tubes adopt the conveniences of popular 1.5mL microcentrifuge tubes in higher capacity packages. Prevent a common source of cross-contamination in the lab by completely eliminating the threat of mismatched caps.

These durable, polypropylene tubes are supplied sterile and are autoclavable. They feature molded graduations and frosted marking areas on the 5mL and 7mL tubes.

Tubes are packed in sterile, easy-to-open bags of 100.

7mL



C0907

5mL



C0905

CAT. NO.	DESCRIPTION	QTY
C0905	5mL, Sterile, Attached Cap, Graduated, w/ Frosted Marking Area, 10 Bags of 100	1000
C0907	7mL, Sterile, Attached Cap, Graduated, w/ Frosted Marking Area, 10 Bags of 100	1000
C0910	10mL, Sterile, Attached Cap, Graduated, 10 Bags of 100	1000

Sterile Transport Tubes

Standard
Lip Seal Screw Cap

NEW! SureSeal™
O-Ring sealing cap



C1811 **5mL** C1812 **10mL** C1813 **5mL** C1814 **10mL**

- **Sterile, with leak-proof caps attached**
- **Meet 95kPa transportation guidelines**
- **Graduations and marking spots**

O-Ring Sealing Cap



For C1813 & C1814

MTC transport tubes are made of high-grade polypropylene and built to meet 95kPa transportation requirements. They provide trustworthy, sterile transport thanks to their leak-proof caps and are usable in temperatures between -86°C and 121°C. Tubes are self-standing and come packaged in 10 sterile bags of 100 tubes.

For an even more secure seal, SureSeal™ Sterile Transport Tubes (C1813, C1814) are manufactured with an integral silicone o-ring seal that keeps your samples safe at high/low temperatures, and during air transport!

CAT. NO.	DESCRIPTION	QTY
	Standard Lip Seal Screw Cap Transport Tubes	
C1811	5mL, Transport Tubes, 16×60mm, w/ Attached Screw Cap, 10 Sterile Bags of 100	1000
C1812	10mL, Transport Tubes, 16×80mm, w/ Attached Screw Cap, 10 Sterile Bags of 100	1000
	SureSeal™ O-Ring Sealing Cap Transport Tubes	
C1813	5mL, SureSeal™ Transport Tubes, 16×56mm, w/ O-Ring Sealing Cap, 10 Sterile Bags of 100	1000
C1814	10mL, SureSeal™ Transport Tubes, 16×92mm, w/ O-Ring Sealing Cap, 10 Sterile Bags of 100	1000

Culture Tubes

- Sterile; RNase, DNase, pyrogen, and cytotoxin free
- Available in polypropylene or polystyrene
- Dual-Position caps
- Compatible with all standard equipment

Material:
Polypropylene Tube Polyethylene Cap
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 4,000×g

Material:
Polystyrene Tube Polyethylene Cap
Temperature Range:
0°C to +70°C
Centrifugation Rating:
Up to 2,000×g

MTC Bio's disposable culture tubes are available in highly durable polypropylene (PP) or crystal clear polystyrene (PS). Caps are made of polyethylene (PE) and have the popular two position design (up/loose for aerobic work and down/sealed for anaerobic cultures). Tubes are packaged in sterile, heat-sealed bags.

CAT. NO.	DESCRIPTION	QTY
	5mL - 12×75mm - Attached Caps	
T8301	PP, Graduated, Sterile, w/ Attached Caps, 40 bags of 25	1000
T8305	PS, Graduated, Sterile, w/ Attached Caps, 40 bags of 25	1000
T8320	PP, Graduated, Sterile, w/ Attached Caps, 8 bags of 125	1000
T8300	PS, Graduated, Sterile, w/ Attached Caps, 8 bags of 125	1000
	5mL - 12×75mm - Separate Caps	
T8302	PP, Non-Graduated, Sterile, Without Caps, 8 bags of 125	1000
T8306	PS, Non-Graduated, Sterile Without Cap, 8 bags of 125	1000
T8309	Caps for 12mm Culture Tubes, 8 bags of 125	1000

CAT. NO.	DESCRIPTION	QTY
	14mL - 17×100mm - Attached Caps	
T8225	PS, Graduated Sterile, w/ Attached Caps, 40 Bags of 25	1000
T8235	PP, Graduated, Sterile, w/ Attached Caps, 40 Bags of 25	1000
T8250	PS, Graduated, Sterile, w/ Attached Caps, Individually Wrapped	500
T8260	PP, Graduated, Sterile, w/ Attached Caps, Individually Wrapped	500
	14mL - 17×100mm - Separate Caps	
T8232	PP, Non-Graduated, Sterile Without Caps, 8 Bags of 125	1000
T8236	PS, Non-Graduated, Sterile Without Cap, 8 Bags of 125	1000
T8239	Caps for 17mm Culture Tubes, 8 bags of 125	1000

14mL Tubes

5mL Tubes



Cap: 12mm Tubes



T8309

Cap: 17mm Tubes



T8239

Transport / Culture Tubes

- Leak-proof screw caps
- Sterile bags of 100 tubes
- White printed graduations
- White printed marking area

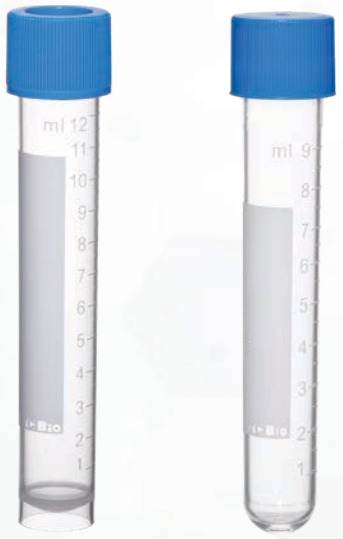
These 16×100mm screw cap test tubes are available in transparent polypropylene with a "skirted" self-standing bottom or in crystal clear polystyrene with a traditional round bottom. Each tube has easy to read graduations and a "frosted" white marking area (12×50mm).

Tubes are packed in sterile bags of 100 with caps attached.

CAT. NO.	DESCRIPTION	QTY
	Transport / Culture Tubes - 16×100mm	
T7950	14mL, PP, Graduated, Self-Standing, Sterile, 10 Bags of 100	1000
T7955	12mL, PS, Graduated, Conical Bottom, Sterile, 10 Bags of 100	1000

14mL Self-Standing

12mL Conical



T7950

T7955

Disposable Test Tubes

- **Round Bottoms**
- **Resealable Zip Bags**
- **Plug Caps available separately**

8mL - 13×100mm



T1411 (PS) / T1421 (PP)

5mL - 12×75mm



T1211 (PS) / T1221 (PP)

3mL - 12×60mm



T1111 (PS) / T1121 (PP)

MTC's test tubes are packaged in bulk quantity economy cases that are perfect for high volume users.

All three sizes are available in translucent polypropylene or crystal clear polystyrene.

Tubes are supplied non-sterile and without caps. Plug-type caps are available separately.

CAT. NO.	DESCRIPTION	QTY
	3mL - 12×60mm	
T1111	PS, Rimless, No Cap, Non-Sterile, 10 Bags of 500	5000
T1121	PP, Rimless, No Cap, Non-Sterile, 10 Bags of 500	5000
T1211-C	Plug Type Cap for 12mm Tubes	1000
	5mL - 12×75mm	
T1211	PS, Rimless, No Cap, Non-Sterile, 8 Bags of 500	4000
T1221	PP, Rimless, No Cap, Non-Sterile, 8 Bags of 500	4000
T1211-C	Plug Type Cap for 12mm Tubes	1000
	8mL - 13×100mm	
T1411	PS, Rimless, No Cap, Non-Sterile, 10 Bags of 300	3000
T1421	PP, Rimless, No Cap, Non-Sterile, 10 Bags of 300	3000
T1411-C	Plug Type Cap for 13mm Tubes, 20 Bags of 1,000	20000

Cap: 12mm Tubes



T1211-C

Cap: 13mm Tubes



T1411-C

FlowTubes™ for FACS Instruments

- **Compatible with FACS™ (BD) instruments**
- **Available caps: 35µm strainer, standard, or none**
- **Crystal clear polystyrene**
- **12×75mm - 5mL capacity**

Material:
Polystyrene Tube HDPE Cap
Centrifugation Rating:
1,400×g

Made of crystal clear polystyrene, these 12×75mm FlowTubes™ are designed for use in Fluorescence Activated Cell Sorting (FACS™) and flow cytometry equipment including FACS™ systems from BD Biosciences. Tight tolerances on diameter and wall thickness ensure that these tubes are consistently compatible with automated instruments.

Tubes are available without caps, with the standard two-position culture cap, or with the 35µm strainer cap designed to assist in cell sorting and straining applications. These tubes are primarily used to collected dissociated samples for subsequent processing in automated flow cytometry instruments.

Strainer Cap



T9005

Standard Cap



T9010

No Cap



T9014/T9020

35µm mesh strainer cap



T9009

CAT. NO.	DESCRIPTION	QTY
T9005	FlowTubes™, 12×75mm, w/ 35µm Strainer Cap, Sterile, 20 Bags of 25	500
T9005-1S	FlowTubes™, 12×75mm, w/ 35µm Strainer Cap, Sterile, Individually Wrapped	500
T9009	35µm Strainer Caps for FlowTubes™, Caps Only, 20 Bags of 25	500
T9010	FlowTubes™, 12×75mm, w/ Standard Cap, Sterile, 20 Bags of 25	500
T9014	FlowTubes™, 12×75mm, Without Cap, Sterile, 4 Tray Packs of 250	1000
T9019	Standard Cap for FlowTubes™, Non-Sterile, 8 Bags of 125	1000
T9020	FlowTubes™, 12×75mm, Without Cap, Non-Sterile, Bulk Econo-Pack	4000
T9045	Pestles for FlowTubes™, for 35µm Strainer Caps, Sterile, Individually Wrapped	100

Pestle for 35µm strainer cap



T9045

FACS™ is a trademark owned by Becton, Dickinson and Company

DuoClick™ Two-Position Screw Cap Culture Tubes

Patent No.: **US 2020/0318046-A1**



- **Patented two-position screw cap**
- **Aerobic culturing at first click**
- **Anaerobic after second click**
- **Printed graduations**
- **Flat, markable screw cap**



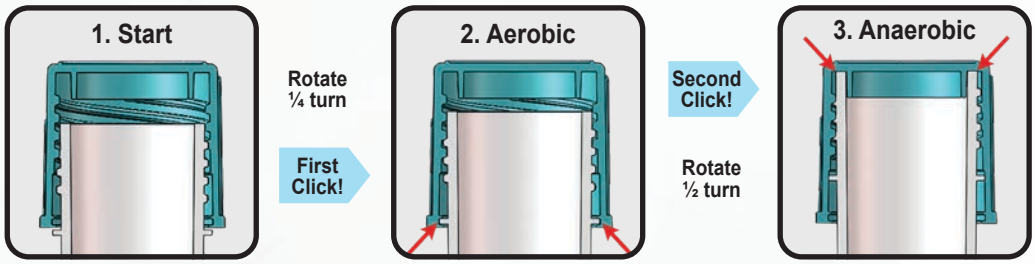
Available racked, bagged, or individually wrapped

DuoClick™ Tubes completely eliminate the excess force, splashing and general frustration of traditional snap-cap culture tubes.

This advanced cap design includes two distinct positions for aerobic and anaerobic culturing; just rotate the cap to the first click to secure the cap in the aerobic position. For anaerobic culturing, rotate it past the second click to create a leak-proof, airtight seal.

DuoClick™ Tubes are available e-beam sterilized, with screw caps attached, and in our exclusive ready-to-use rack packaging. Polypropylene (PP) tubes can be centrifuged at up to 4,000×g and polystyrene (PS) tubes up to 1,400×g.

HOW IT WORKS!



Cap is supplied loosely on tube

Cap is secure but not airtight

Cap is airtight and leak-proof

WATCH THE VIDEO!

CAT. NO.	DESCRIPTION	QTY
	12×75mm - 5mL	
T8730	PP, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 20 Bags of 25	500
T8732	PP, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 10 Foam Racks of 50	500
T8734	PP, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, Individually Wrapped	500
T8741	PS, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 20 Bags of 25	500
T8742	PS, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 10 Foam Racks of 50	500
T8750	PP, with Separate Two-Position Screw Cap, Non-Sterile, Non-Graduated, Tubes and Caps Bulk Packed Separately	1000

CAT. NO.	DESCRIPTION	QTY
	17×100mm - 14mL	
T8830	PP, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 20 Bags of 25	500
T8832	PP, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 10 Foam Racks of 50	500
T8834	PP, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, Individually Wrapped	500
T8841	PS, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 20 Bags of 25	500
T8842	PS, with Attached Two-Position Screw Cap, Printed Graduations, Sterile, 10 Foam Racks of 50	500
T8850	PP, with Separate Two-Position Screw Cap, Non-Sterile, Non-Graduated, Tubes and Caps Bulk Packed Separately	1000

Screw Cap Centrifuge Tubes

- **Printed Graduations & Marking Spots**
- **High Clarity Polymers**
- **Standard Diameters**
- **Sterile; RNase and DNase free**

C2607 and C2608 NEW!



New 15 and 50mL Options: Eco-Plastic Racks of 25

MTC 10mL, 15mL, 25mL, 30mL, and 50mL centrifuge tubes are made of premium polypropylene to maximize centrifugal strength and maintain clarity.

Tubes and caps may be frozen at temperatures as low as 86˚C. Caps have a flat top surface for easy marking and labeling.

10mL Conical



C2410

15mL Conical



C2600

25mL Conical



C2625

50mL Conical



C2602

C2605 and C2630 feature a 'skirted' bottom that allows the tubes to stand upright without a separate test tube rack. The C2600 series of centrifuge tubes, self-standing or not, are leak-proof to 95 kPa/14psi.

The 15mL C2607 and 50mL C2608 tubes ship in Eco-Plastic polypropylene racks. Made from recycled plastic, these new plastic racks offer the same conveniences of standard foam racks, but in a package that is substantially more environmentally friendly.

Conical Tubes

Material:
Polypropylene Tube
Polyethylene Cap
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
10mL: 12,000×g
15mL: 12,000×g
25mL: 17,000×g
50mL: 15,000×g

Skirted Standing Tubes

Material:
Polypropylene Tube
Polyethylene Cap
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
30mL: 7,000×g
50mL: 7,000×g

30mL Skirted



C2630

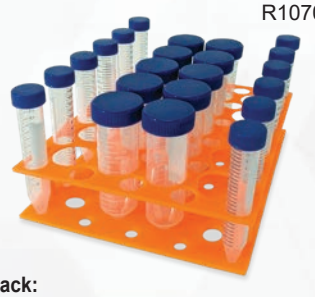
50mL Skirted



C2605

CAT. NO.	DESCRIPTION	QTY
	10mL	
C2410	PP, Flat Screw Cap, 20 Sterile Bags of 50	1000
	15mL	
C2600	PP, Flat Screw Cap, 10 Sterile Foam Racks of 50	500
C2601	PP, Flat Screw Cap, 10 Sterile Bags of 50	500
C2607	PP, Flat Screw Cap, 20 Sterile Eco-Plastic PP Racks of 25	500
C2615-W	PP, Flat Screw Cap, Individually Wrapped Sterile	300
	25mL	
C2625-B	PP, Flat Screw Cap, 8 Sterile Bags of 25	200
C2625-R	PP, Flat Screw Cap, 8 Sterile Racks of 25	200
	30mL	
C2630	PP, Free-Standing, Flat Screw Cap, 20 Sterile Bags of 25	500
	50mL	
C2602	PP, Flat Screw Cap, 20 Sterile Foam Racks of 25	500
C2603	PP, Flat Screw Cap, 20 Sterile Bags of 25	500
C2603-B	PP, Flat Screw Cap, Non-Sterile Bulk Bag	500
C2608	PP, Flat Screw Cap, 20 Sterile Eco-Plastic PP Racks of 25	500
C2650-W	PP, Flat Screw Cap, Individually Wrapped Sterile	300
C2605	PP, Free Standing, Flat Screw Cap, 20 Sterile Bags of 25	500

R1070



Rack:
30 slots for 10mL and 15mL Tubes
20 slots for 25mL and 50mL Tubes

CAT. NO.	DESCRIPTION	QTY
R1030	4-Way Centrifuge Tube Rack, Rainbow Pack Fits 4×50mL, 12×15mL, 32×1.5mL, or 32×0.5mL Tubes	5
R1070	Centrifuge Tube Rack, Orange, 17×20×6cm, Fits 30×10/15mL and 20×25/50mL Tubes	5

ProSeries™ Performance Centrifuge Tubes NEW!



Spin at up to
20,000×g



Hi-Viz™ Graduations
w/ Max Freeze Line



FreezeTech™ Indicator
Changes Color at 0°C

- **20,000×g maximum centrifugation rate**
- **Hi-Viz™ graduations, including maximum freeze capacity line**
- **FreezeTech™ temperature indicator changes color at 0°C**
- **Available in resealable zip bags and Eco-Plastic racks**
- **E-Beam sterilized (SAL 10^{-6})**

MTC's New ProSeries™ Centrifuge Tubes offer maximum performance and a wide range of features. Available in a package with identical dimensions to existing 15 and 50mL tubes.

Hi-Viz™ graduations are recognizable no matter your viewing angle and are marked not only to their nominal capacity, but also to the highest volume for freezing solutions. With a focus on environmentalism and waste reduction, these tubes are marked with their recycling information and are available in new Eco-Plastic rack options rather than traditional foam racks.

The flat, markable polypropylene caps have high-precision threads that make them easy to open with one hand without compromising on a seal that stays leak-proof up to 95kPA.





CAT. NO.	DESCRIPTION	QTY
C2800	15mL, PP, Sterile, Hi-Viz™ Graduations,Temperature Indicator, 20 Eco-Plastic Racks of 25	500
C2801	15mL, PP, Sterile, Hi-Viz™ Graduations,Temperature Indicator, 20 Bags of 25	500
C2802	50mL, PP, Sterile, Hi-Viz™ Graduations, Temperature Indicator, 20 Eco-Plastic Racks of 25	500
C2803	50mL, PP, Sterile, Hi-Viz™ Graduations, Temperature Indicator, 20 Bags of 25	500

Total-Pure™ Metal Free Centrifuge Tubes NEW!

- **Produced from ultra-pure polypropylene with trace metal content less than 1ppm**
- **20,000×g maximum centrifugation rate**
- **Hi-Viz™ graduations including maximum freeze capacity line**
- **Available in resealable zip bags of 25 tubes, or individually wrapped**
- **E-Beam sterilized (SAL 10^{-6})**

Total-Pure™ Centrifuge Tubes are made with a proprietary purified polypropylene blend that reduces the metallic content present in most plastic blends to less than 1ppm.

Total-Pure™ Tubes boast nearly all the premium features in our ProSeries™ tubes. Hi-Viz™ graduations are clearly printed for easy viewing at any angle, and feature a distinct indicator for the maximum fill level for freezing solutions. Polypropylene caps are easy to open one-handed without compromising on the 95kPA leak-proof seal.



CAT. NO.	DESCRIPTION	QTY
C2901	15mL, Metal Free PP, Sterile, with Graduations, 20 Bags of 25	500
C2915-W	15mL, Metal Free PP, Sterile, with Graduations, Individually Wrapped	250
C2903	50mL, Metal Free PP, Sterile, with Graduations, 20 Bags of 25	500
C2950-W	50mL, Metal Free PP, Sterile, with Graduations, Individually Wrapped	250

SpectraTubes™ Color-Coded Conical Tubes

15mL Tubes



C2715
Foam racks of 50

50mL Tubes



C2750
Foam racks of 25

- **Color coded for easy sample identification**
- **Sterile; RNase, DNase, pyrogen and cytotoxin free**
- **15mL rated to 12,000×g**
- **50mL rated to 15,000×g**
- **Leak-proof Screw Caps**

These conical 15mL and 50mL centrifuge tubes are made of a premium polypropylene (PP), with exceptionally uniform wall thickness for clarity and centrifugal strength.

Tubes and caps may be used for sample storage at temperatures as low as -86°C. The maximum centrifugal forces are 12,000×g for the 15mL tubes and 15,000×g for 50mL version.

Tubes and caps are suitable for stem cell research and certified sterile; RNase, DNase, and Pyrogen free.

Color-coded bags of 25



C2716
15mL Tubes



C2751
50mL Tubes

CAT. NO.	DESCRIPTION	QTY
C2715	15mL PP (17×121mm), flat rainbow screw cap, 10 foam racks of 50	500
C2716	15mL PP (17×121mm), flat rainbow screw cap, 20 bags of 25 (4 bags/color)	500
C2750	50mL PP (29×117mm), flat rainbow screw cap, 20 foam racks of 25	500
C2751	50mL PP (29×117mm), flat rainbow screw cap, 20 bags of 25 (4 bags/color)	500

NEW! Large Volume Centrifuge Tubes

175mL



C0175

225mL



C0225

250mL



C1250

500mL



C1500

- **Molded graduations**
- **Leak-proof screw caps**
- **Compatible with popular equipment**
- **Sterile; RNase, DNase, and pyrogen Free**

4 slots for 500mL tubes



C1500-RK

Material:
Tube: Polypropylene Cap: HDPE
Temperature Range:
-86°C to +121°C
Centrifugation Rating:
Up to 6,000×g

CAT. NO.	DESCRIPTION	QTY
C0175	175mL (60×121mm), PP, w/ PE Plug Type Screw Cap, Sterile, 20 Bags of 6	120
C0225	225mL (60×139mm), PP, w/ PE Plug Type Screw Cap, Sterile, 17 Bags of 5	85
C1250-R	250mL (60×164mm), PP, w/ PE Plug Type Screw Cap, Sterile, 14 Bags of 5, w/ One Rack (R1900)	70
C1500	500mL (96×150mm), PP, w/ PE Plug Type Screw Cap, Sterile, 8 Bags of 5	40
C1500-RK	Rack for 500mL Centrifuge Tubes, Holds 4 Tubes	1
R1900	Rack for 175, 225, 250mL Centrifuge Tubes, Holds 6 Tubes	5

6 slots for 175, 225, 250mL tubes



R1900

OptiWell™ Deep Well Plates

NEW!

- **Available in 24, 48, 96, and 384 well formats**
- **Virgin, medical-grade polypropylene**
- **Black printed alpha-numerics on 96 well plates**
- **Minimal binding / liquid retention**

Available in over 25 different types, The OptiWell™ line of Deep Well Plates is compatible with all popular automated research platforms and robotic equipment. These plates are useful for bacterial cultures, centrifugation (up to 4,000×g) and general sample storage. They can be used with silicone sealing mats and various types of sealing films.

All plates are produced in a Class 100,000 cleanroom facility and are ANSI / SLAS 1-2004 compliant. Although all OptiWell™ plates are autoclavable, several types are also available pre-sterilized by gamma irradiation in accordance with ISO 13485. All plates are certified RNase/ DNase free and non-pyrogenic.

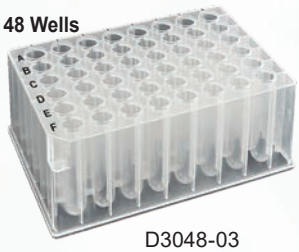
Specific Platform Compatibilities:

1. KingFisher™ Accuris IsoPURE™:
   - D3096-09 / D3096-09S
   - D3096-19 / D3096-19S
   - D3096-39 / D3096-39S
   - D3024-01 / D3024-01S
2. Nunc™: D3096-27 / D3096-27S
   - D3096-35 / D3096-35S
3. ABgene™: D3096-29 / D3096-29S
4. Hamilton®: D3096-37 / D3096-37S



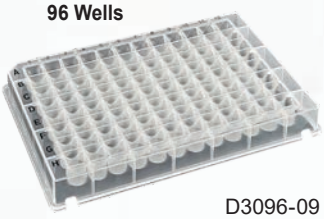
24 Wells

D3024-01



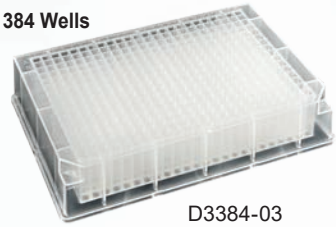
48 Wells

D3048-03



96 Wells

D3096-09



384 Wells

D3384-03



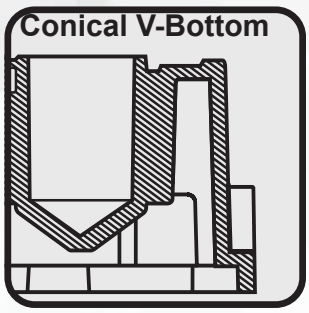
D3096-39

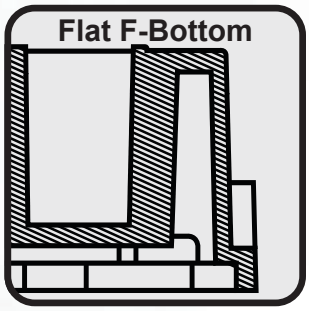


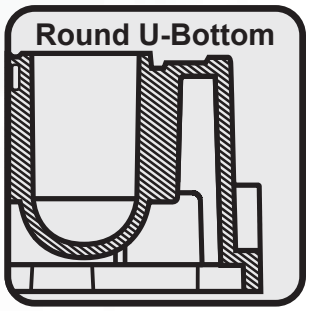
D3096-29



D3096-37







Non-Sterile	DESCRIPTION	QTY
	OptiWell™ 96 Well Plates	
D3096-01	0.36mL - Round Well, 14.75mm Height, V-Bottom, PP, 10 Bags of 10	100
D3096-03	0.40mL - Round Well, 14.75mm Height, U-Bottom, PP, 10 Bags of 10	100
D3096-05	0.40mL - Round Well, 14.75mm Height, F-Bottom, PP, 10 Bags of 10	100
D3096-07	0.45mL - Round Well, 14.50mm Height, V-Bottom, PP, 10 Bags of 10	100
D3096-09 [1]	0.5mL - Square Well, 15.1mm Height, V-Bottom, PP, 10 Bags of 5 [1]	50
D3096-11	0.5mL - Round Well, 14.5mm Height, U-Bottom, PP, 10 Bags of 10	100
D3096-13	1.0mL - Round Well, 24.4mm Height, U-Bottom, PP, 10 Bags of10	100
D3096-15	1.0mL - Round Well, 33.0mm Height, U-Bottom, PP, 10 Bags of 5	50
D3096-17	1.0mL - Round Well, 33.0mm Height, V-Bottom, PP, 10 Bags of 5	50
D3096-19 [1]	1.0mL - Square Well, 24.4mm Height, V-Bottom, PP, 10 Bags of 10 [1]	100
D3096-21	1.1mL - Round Well, 27.0mm Height, U-Bottom, PP, 10 Bags of 5	50
D3096-23	1.1mL - Round Well, 27.0mm Height, V-Bottom, PP, 10 Bags of 5	50
D3096-25	1.2mL - Square Well, 24.0mm Height, U-Bottom, PP, 10 Bags of 5	50
D3096-27 [2]	1.2mL - Round Well, 31.5mm Height, U-bottom, PP, 10 Bags of 5 [2]	50
D3096-29 [3]	1.2mL - Round Well, 42.5mm height, F-Bottom, PP, 10 Bags of 5 [3]	50
D3096-31	1.6mL - Square Well, 31.6mm Height, U-Bottom, PP, 10 Bags of 5	50
D3096-33	1.6mL - Square Well, 31.6mm Height, V-Bottom, PP, 10 Bags of 5	50
D3096-35 [2]	2.0mL - Round Well, 44.3mm Height, U-Bottom, PP, 10 Bags of 5 [2]	50
D3096-37 [4]	2.0mL - Round Well, 44.3mm Height, U-Bottom, PP, 10 Bags of 5 [4]	50
D3096-39 [1]	2.2mL - Square Well, 44.2mm Height, V-Bottom, PP, 10 Bags of 5 [1]	50
D3096-41	2.2mL - Square Well, 41.6mm Height, U-Bottom, Standard, PP, 10 Bags of 5	50
D3096-43	2.2mL - Square Well, 41.9mm Height, U-Bottom, H-Style, PP, 10 Bags of 5	50
D3096-45	2.3mL - Square Well, 41.7mm Height, V-Bottom, PP, 10 Bags of 5	50

* For sterile plates, please add “S” at the end of your Cat. No. such as, "D3096-09S" or “D3096-27S”

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Hamilton® is owned and/or registered by Hamilton Company in the U.S. and/or other countries.

NEW! OptiWell™ Deep Well Plates (cont'd)

24 Wells



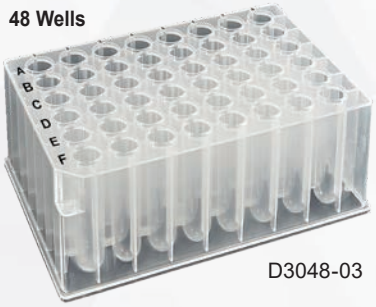
D3024-01

48 Wells



D3048-01

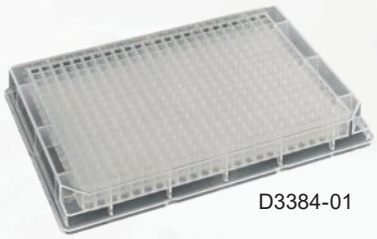
48 Wells



D3048-03

Non-Sterile	Sterile	DESCRIPTION	QTY
		OptiWell™ 24 Well Plates	
D3024-01 [1]	D3024-01S [1]	10mL - Square Well, 41.9mm Height, V-Bottom, PP, 10 Bags of 5 [1]	50
		OptiWell™ 48 Well Plates	
D3048-01	D3048-01S	4.60mL - Square Well, 41.2mm Height, U-Bottom, PP, 10 Bags of 5	50
D3048-03	D3048-03S	3.50mL - Round Well, 51.5mm Height, U-Bottom, PP, 10 Bags of 5	50
		OptiWell™ 384 Well Plates	
D3384-01	D3384-01	120µL - Square Well, 14.6mm Height, V-Bottom, PP, 10 Bags of 10	100
D3384-03	D3384-03	240µL - Square Well, 24.9mm Height, V-Bottom, PP, 5 Bags of 10	50

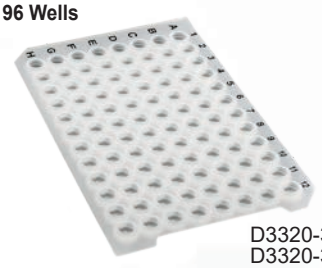
1. Compatible with Kingfisher™ and Accuris IsoPURE™



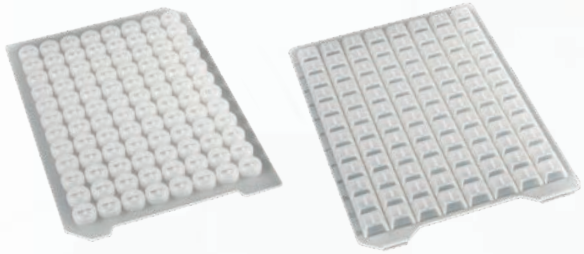
D3384-01

NEW! OptiWell™ Silicone Sealing Mats

96 Wells



D3320-3
D3320-3S



Choice of "+" or "-" openings on 96 well sealing mats

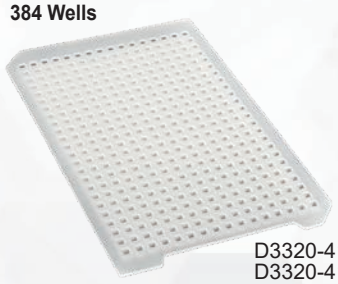
FIND A SEALING MAT TO FIT YOUR PLATE

24 Wells



D3320-21
D3320-21S

384 Wells



D3320-41
D3320-41S

These mats seal 24, 96, or 384 wells at a time for minimal evaporation / sample loss, guaranteeing sample integrity, high quality data and uninterrupted workflow. They are useful in PCR and HTS sample storage, and are available in multiple sizes. OptiWell™ Mats form a perfect, leak-proof seal with most popular plates.

All models are available sterile or non-sterile.*

CAT. NO.	DESCRIPTION	QTY
D3320-3	Ø8.3mm, 96 Round Well, "+" Opening, Black Alphanumeric Printing, Silicone	50
D3320-5	Ø8.4mm, 96 Square Well, "+" Opening, Black Alphanumeric Printing, Silicone	50
D3320-9	Ø8.4mm, 96 Square Well, "-" Opening, Black Alphanumeric Printing, Silicone	50
D3320-11	Ø7.3mm, 96 Round Well, "-" Opening, Black Alphanumeric Printing, Silicone	50
D3320-13	Ø7.3mm, 96 Round Well, "+" Opening, Black Alphanumeric Printing, Silicone	50
D3320-15	Ø5.7mm, 96 Round Well, "+" Opening, Black Alphanumeric Printing, Silicone	50
D3320-19	Ø5.5mm, 96 Round Well, "-" Opening, Black Alphanumeric Printing, Silicone	50
D3320-21	24 Square Well, Silicone	50
D3320-40	384 Round Well, Silicone	50
D3320-41	384 Square Well, Silicone	50

* For sterile mats, please add "S" at the end of your Cat. No. such as, "D3320-3S" or "D3320-41S"

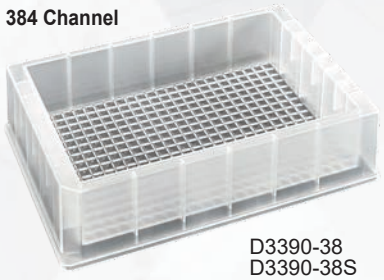
OptiWell™ Automation Reservoirs NEW!

- **ANSI / SLAS 1-2004 compliant**
- **Standard footprint dimensions**
- **Low-binding polypropylene**
- **Nonpyrogenic, RNase, DNase free**

These reservoirs are designed to be compatible with all automated liquid handling platforms. Dimpled and pyramid-shaped well bottoms assist in maximum sample recovery.

All models are available sterile or non-sterile.*

384 Channel



D3390-38
D3390-38S

1 Channel



D3390-1
D3390-1S

4 Channel



D3390-4
D3390-4S

8 Channel



D3390-8
D3390-8S

12 Channel



D3390-12
D3390-12S

96 Channel

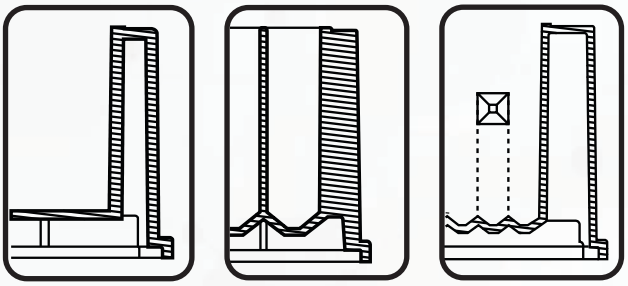


D3390-96
D3390-96S

Reservoir Cover



D3390-CV
D3390-CVS



F-Bottom V-Bottom Pyramid-Bottom

CAT. NO.	DESCRIPTION	QTY
D3390-1	190mL, 1-Channel, PP, 31.5mm Height 10 Bags of 5	50
D3390-4	195mL, 4-Channel, PP, 31.4mm Height, 10 Bags of 5	50
D3390-8	180mL, 8-Channel, PP, 31.4mm Height, 10 Bags of 5	50
D3390-12	180mL, 12-Channel, PP, 31.4mm Height, 10 Bags of 5	50
D3390-96	195mL, 96-Channel, PP, 31.4mm Height, 10 Bags of 5	50
D3390-38	185mL, 384-Channel, PP, 31.4mm Height, 10 Bags of 5	50
D3390-CV	Reservoir Cover, PP, 9.3mm Height, 10 Bags of 20	200

*For sterile reservoirs, please add "S" at the end of your Cat. No. such as, "D3390-1S" or "D3390-CVS"

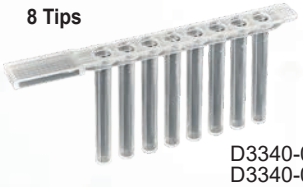
OptiWell™ Tip Combs NEW!

- **Low-Binding, medical-grade polypropylene**
- **RNase, DNase free**
- **Compatible with KingFisher™ Flex**
- **Available sterile or non-sterile**

OptiWell™ Tip Combs are produced from low-binding, medical grade polypropylene and are made specifically to fit KingFisher™ Flex, Accuris IsoPure™, and a variety of other automation platforms. Applications include DNA extraction, quantification, viral RNA extraction, immunoprecipitations, etc.

All models are available sterile or non-sterile.*

8 Tips



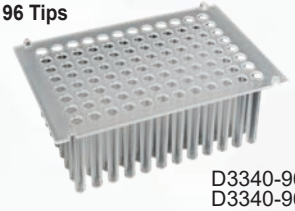
D3340-08
D3340-08S

24 Tips



D3340-24
D3340-24S

96 Tips



D3340-96
D3340-96S

CAT. NO.	DESCRIPTION	QTY
D3340-08	8 Tip Comb, V-Bottom, PP, 240 Bags of 2 for Kingfisher™	480
D3340-24	24 Tip Comb, V-Bottom, PP, 240 Bags of 5 for Kingfisher™	480
D3340-96	96 Tip Comb, V-Bottom, PP, 50 Bags of 2 for Kingfisher™	480

*For sterile combs, please add "S" at the end of your Cat. No. such as, "D3340-08S" or "D3340-96S"

KingFisher™ is a trademark of Thermo Fisher Scientific

Pure•Amp™ PCR Tubes, Strips & Caps

- RNase, DNase, DNA, and PCR inhibitor free
- 0.2mL or Low Profile 0.1mL options
- Ultra-thin, uniform wall thickness
- White and frosted tubes for enhanced qPCR results



Also available in 5 colors:





0.2mL - Attached Flat Cap
P3010-A: Natural Clear

All Pure•Amp™ PCR Tubes and Strips are precision manufactured to maintain tight dimensional tolerances of ultra-thin wall thickness, for improved thermal transfer. Pure•Amp™ PCR Plastics are certified free of RNase, DNase, DNA and PCR inhibitors, and are made of heat-resistant medical-grade polypropylene.

0.1mL - Separate Flat Caps



P3010-S: Natural Clear

0.2mL - Separate Optical Strip Caps



P3802-Q: Natural Clear

0.2mL - Separate Optical Strip Caps



P3802-QW: White

0.1mL - Separate Optical Strip Caps



P3801-Q: Natural Clear

0.1mL - Separate Optical Strip Caps



P3801-QF: Frosted

0.1mL - Separate Optical Strip Caps



P3801-QW: White

Pure•Amp™ 0.2mL PCR Tubes and Strips are available in seven different configurations, including single tubes, strips of eight, domed caps, and flat caps. Optically clear caps and white tubes (for optimal fluorescence reflectivity) are also available for qPCR applications.

Pure•Amp™ 0.2mL Color-Coded PCR Strip Tubes (P3010 Series) are easily identified at a glance, making them ideal for keeping your samples organized.

Pure•Amp™ 0.1mL Low Profile PCR Tubes and Strips are available in three different color/texture configurations, all intended for qPCR applications.

Tool for opening / closing PCR strips



P0800-TL

CAT. NO.	DESCRIPTION	QTY
P3010-A*	0.2mL, PCR 8-Strips, w/ Attached Individual Flat Caps, Natural Color	120 strips
P3010-S	0.2mL, PCR 8-Strips, w/ Separate Flat Cap Strips	120 strips
P3020	0.2mL, PCR 8-Strips, w/ Dome Caps Packaged Separately	120 strips
P3030	0.2mL, Individual PCR Tubes, w/ Attached Flat Caps	1000 tubes
P3040	0.2mL, Individual PCR Tubes, w/ Attached Domed Caps	1000 tubes
P3802-Q	0.2mL, qPCR 8-Strip, Natural Color, w/ Separate Optical Strip Caps	120 strips
P3802-QW	0.2mL, qPCR 8-Strip, White Color, w/ Separate Optical Strip Caps	120 strips
P3801-Q	0.1mL, qPCR 8-Strip, Natural Color, w/ Separate Optical Strip Caps	120 strips
P3801-QF	0.1mL, qPCR 8-Strip, Frosted Color, w/ Separate Optical Strip Caps	120 strips
P3801-QW	0.1mL, qPCR 8-Strip, White Color, w/ Separate Optical Strip Caps	120 strips
P0800-TL	Tool for Opening and Closing PCR Strips	2 tools

*For individual colors, please add "-B" for Blue, "-G" for Green, "-O" for Orange, "-P" for Purple, "-R" for Red, or "-Y" for Yellow

Pure•Amp™ PCR Plates

- Ultra-thin wall tube wells
- Alpha-numeric reference grids
- RNase, DNase, DNA, and PCR inhibitor free
- Compatible with standard equipment



0.2mL - Non-Skirted
Breaks into strips of 8

Pure•Amp™ 0.2mL PCR Plates are designed to be compatible with most popular thermal cyclers. In particular, P9602-N is compatible with ABI™, GENEAMP™, ABI Prism®, Bio-Rad™, MJ Research™ and Eppendorf®.

All Pure•Amp™ Plates are held to very tight dimensional tolerances with ultra-thin walls for optimal thermal transfer.

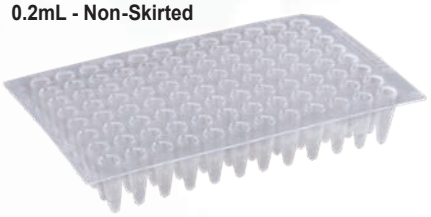
Sep-R-8™ (P9602-N-T) Breakable PCR Plates can be broken down into strips of eight tubes for greater control over sample quantity and reduced waste.



P9602-N-T

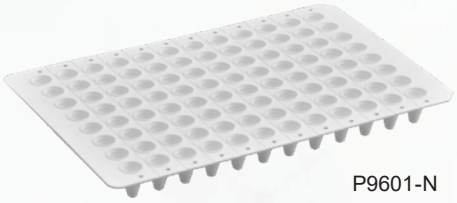
CAT. NO.	DESCRIPTION	QTY
	0.2mL Well Plates	
P9602-N	96×0.2mL Standard Well, Non-Skirted, 5 Bags of 10	50
P9602-N-T	Sep-R-8™ 96×0.2mL Well, Non-Skirted, Breaks into Strips of 8, Pack of 50	50
P9602-NW	96×0.2mL Standard Well, Non-Skirted, White Color, Pack of 50	50
P9602-S	96×0.2mL Wells, Semi-Skirted, 5 Bags of 10	50
P9602-SRR	96×0.2mL, Semi-Skirted w/ Raised Rim (ABI), 5 Bags of 10	50

0.2mL - Non-Skirted



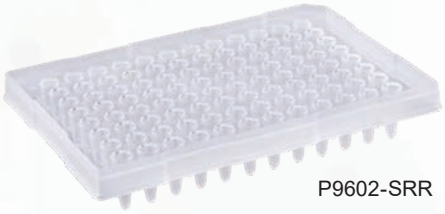
P9602-N

0.1mL - Non-Skirted White



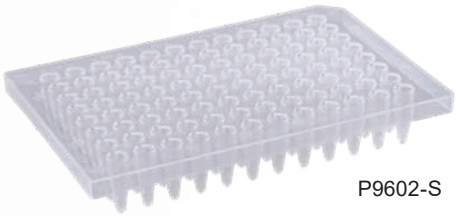
P9601-N

0.2mL - Semi-Skirted, Raised Rim



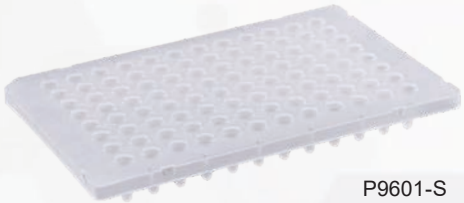
P9602-SRR

0.2mL - Semi-Skirted



P9602-S

0.1mL - Semi-Skirted

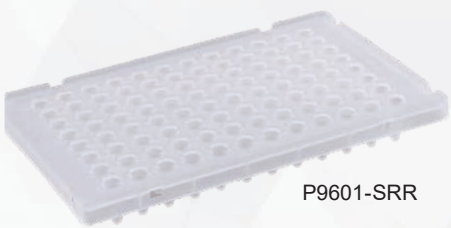


P9601-S

Pure•Amp™ 0.1mL Low Profile Plates are compatible with popular qPCR instruments. Semi-skirted plates are available in natural or white (for improved fluorescence reflectivity) and the raised rim version is supplied in clear/natural. Precision manufactured and uniform ultra-thin walls allow for rapid heat transfer and consistent amplification results.

All Pure•Amp™ PCR Plates are free of RNase, DNase, DNA and PCR inhibitors, and are made of heat-resistant medical-grade polypropylene.

0.1mL - Semi-Skirted Raised Rim



P9601-SRR

CAT. NO.	DESCRIPTION	QTY
	0.1mL Well Plates	
P9601-N	96×0.1mL Wells, Low Profile, Non-Skirted, Pack of 50	50
P9601-NW	96×0.1mL Wells, Low Profile, Non-Skirted, White Color, Pack of 50	50
P9601-S	96×0.1mL Wells, Low Profile, Semi-Skirted, 5 Bags of 10	50
P9601-SW	96×0.1mL Wells, Low Profile, Semi-Skirted, White, 5 Bags of 10	50
P9601-SRR	96×0.1mL Wells, Low Profile, Semi-Skirted, Raised Rim, 5 Bags of 10	50

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Bio-Rad™ and MJ Research™ are trademarks of Bio-Rad Laboratories, Inc. | Eppendorf® is registered trademark of Eppendorf SE

NEW! SureFrame™ Two-Component PCR Plates

FIND THE RIGHT PLATE FOR YOUR PLATFORM

- Two material design for increased rigidity
- Ideal for automated platforms
- Reduces evaporation

96 White Well, Fully-Skirted



P9096-FSW

96 Clear Well, Semi-Skirted



P9096-HSC

384 White Well, Fully-Skirted



P9384-FSW

SureFrame™ Plates are made with a special two-material process that creates an ultra-rigid polycarbonate frame while maintaining the favorable thermal transfer characteristics of thin-walled polypropylene tube wells.

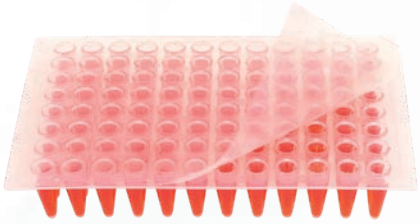
This ultra-rigid polycarbonate frame is ideal for all automated platforms and plate grippers, and increases the uniformity of your experiments.

Traditional single-material plates have been shown to warp inside thermal cyclers, causing increased evaporation in the outer wells of the plate, leading to inconsistent amplification across wells. The polycarbonate frame on SureFrame™ plates eliminates the warping factor for completely uniform results.

CAT. NO.	DESCRIPTION	QTY
P9096-FSC	96×0.15mL Wells, Fully Skirted PC Frame, Low Profile, Clear PP Wells	50
P9096-FSW	96×0.15mL Wells, Fully Skirted PC Frame, Low Profile, White PP Wells	50
P9096-HSC	96×0.25mL Wells, Semi-Skirted PC Frame, Clear PP Wells	50
P9096-HSW	96×0.25mL Wells, Semi-Skirted PC Frame, White PP Wells	50
P9384-FSC	384×35µL Wells, Fully Skirted PC Frame, Clear Wells	50
P9384-FSW	384×35µL Wells, Fully Skirted PC Frame, White PP Wells	50

Pure•Amp™ Sealing Membranes

Transparent Membrane



P1001-PCR

- Evaporation rates ≤5%
- Inner packs of 10 membranes
- RNase, DNase, DNA, and PCR inhibitor free

Pressure-Sensitive Adhesive for qPCR



P1001-QPS

Pure•Amp™ Sealing Membranes are compatible with all standard PCR plates. Five types are available for PCR, qPCR, and ELISA applications.

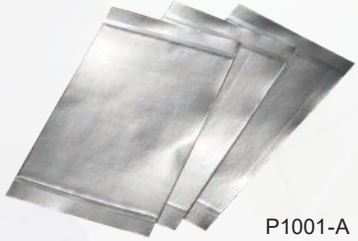
Membrane options include pierceable aluminum, standard transparent, optically clear sticky adhesive, optically clear pressure-sensitive adhesive, and low-adhesive EZ-peel, all of which are guaranteed to keep evaporation rates below 5%.

Low Adhesive for ELISA plates



P1001-E

Aluminum Membrane for PCR or storage



P1001-A

CAT. NO.	DESCRIPTION	QTY
P1001-PCR	Transparent Membrane, 10 Bags of 10	100
P1001-A	Aluminum Membrane, 10 Bags of 10	100
P1001-Q	qPCR Optical Bio-Rad™ Type, Sticky Adhesive Film, 10 Bags of 10	100
P1001-QPS	qPCR Optical ABI™ Type, Pressure-Sensitive Adhesive, 10 Bags of 10	100
P1001-E	Sealing Membrane for ELISA plates, 10 Bags of 10	100

ABI™ is a trademark of Thermo Fisher Scientific
Bio-Rad™ is a trademark of Bio-Rad Laboratories, Inc.

Erlenmeyer Flasks NEW!

- Flat or baffled bottoms
- RNase, DNase, and pyrogen free
- Gamma sterile (SAL 10^{-6})
- Individually wrapped



125, 250, 500, and 1000mL flasks available in PETG or polycarbonate



Vented screw caps included and available separately



MTC Bio's Erlenmeyer Shaker Flasks are made of polycarbonate, PETG or styrene-butadiene (jumbo flasks only). The polypropylene screw caps are vented with 0.2µm membranes to increase air transmission and enhance cell growth. The mouth size conforms to the international SBS standard, for quick, secure connection to bioreactor equipment.

Polycarbonate flasks and styrene-butadiene flasks have baffled (ribbed) bottoms to provide increased oxygenation and mixing efficiency even at lower shaking speeds. Polycarbonate Flasks are autoclavable at 121°C and 15 psi for 30 minutes.

All flasks, regardless of size, are individually wrapped and gamma sterilized to SAL 10^{-6}. They are free of RNase, DNase, pyrogen, endotoxins, and human DNA.

Jumbo Fernbach Flasks made from styrene-butadiene



2.8L



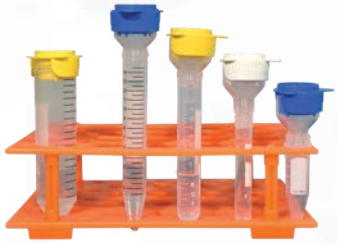
5.0L

CAT. NO.	DESCRIPTION	QTY
	Baffled Bottom Polycarbonate Flasks	
F4060-B	125mL, Polycarbonate, Baffled Bottom w/ Vented Screw Cap, Sterile, Autoclavable	24
F4061-B	250mL, Polycarbonate, Baffled Bottom w/ Vented Screw Cap, Sterile, Autoclavable	12
F4062-B	500mL, Polycarbonate, Baffled Bottom w/ Vented Screw Cap, Sterile, Autoclavable	12
F4063-B	1000mL, Polycarbonate, Baffled Bottom w/ Vented Screw Cap, Sterile, Autoclavable	6
	Flat Bottom PETG Flasks	
F4060-F	125mL, PETG, Flat Bottom w/ Vented Screw Cap, Sterile	24
F4061-F	250mL, PETG, Flat Bottom w/ Vented Screw Cap, Sterile	12
F4062-F	500mL, PETG, Flat Bottom w/ Vented Screw Cap, Sterile	12
F4063-F	1000mL, PETG, Flat Bottom w/ Vented Screw Cap, Sterile	6
	Styrene-Butadiene Jumbo Flasks	
F4086	2.8L, Styrene-Butadiene, Baffled Bottom w/ Vented Screw Cap, Sterile	6
F4087	5.0L, Styrene-Butadiene, Baffled Bottom w/ Vented Screw Cap, Sterile	4
	Separate Vented Screw Caps	
F4067	Cap for 125mL and 250mL Erlenmeyer Flasks, Includes Filter.	10
F4068	Cap for 500mL and 1000mL Erlenmeyer Flasks, Includes Filter	10
F4069	Cap for 2.8L and 5.0L Jumbo Flasks, Includes Filter	10

SureStrain™ Premium Cell Strainers



- **Advanced design - faster flow through**
- **Sterile; RNase, DNase, pyrogen and cytotoxin free**
- **Four 1.5mm feet for straining into flat plates and dishes**
- **Designed for 50mL tubes - adapter for 15mL tubes included**



C4015 Reducing Adapter allows coupling with smaller tubes

The SureStrain™ Premium Cell Strainer system is a fast and easy-to-use solution for detaching, isolating, and straining cells from clusters and tissues.

A polypropylene frame supports a nylon mesh that is available in three color-coded porosities: 40µm (blue), 70µm (white), and 100µm (yellow).

The advanced housing design also contributes to superior performance and reduced processing time by eliminating the "air-lock" effect. Improved aeration allows air to escape while filtrate is entering the tube, preventing messy spillovers.

CAT. NO.	DESCRIPTION	QTY
C4040	40µm Blue Strainer, Sterile, Individually Wrapped, w/ 1 Reducing Adapter	50
C4070	70µm White Strainer, Sterile, Individually Wrapped, w/ 1 Reducing Adapter	50
C4100	100µm Yellow Strainer, Sterile, Individually Wrapped, w/ 1 Reducing Adapter	50
C4015	Reducing Adapter for 15mL, 17×100mm, 12×75mm, and 5mL Tubes	25
C4010	PolyPestle™ Double-Sided Pestle for Cell Strainers and 1.5mL Microtubes	50



Suspends in 6-well plates

C4010



PolyPestle™

ReadyStrain™ Cell Straining Kits



- **Includes strainer, 50mL tube, and cap**
- **Preassembled, sterile and ready to use**
- **Packaged in easy-open "tear-strip" bags**
- **Gamma sterilized to SAL 10^{-6}**



WATCH THE VIDEO!

ReadyStrain™ is the only product of its kind, providing all necessary parts for removing clumps and debris to isolate single-cell suspensions. ReadyStrain™ supplies all essential components, combining them all in a single, pre-assembled, ready-to-use, sterile packet.



These kits eliminate the contamination risks associated with opening multiple packages and assembling separate pieces (tubes, strainers, and caps). The individual sterile packets mean researchers are no longer forced to expose entire bags of 50mL tubes and caps in order to perform one filtration. Instead, they can open a single packet directly under the hood.



CAT. NO.	DESCRIPTION	QTY
C5040	Cell Strainer Kit w/ 40µm Blue Strainer, 50mL Tube and Screw Cap, Sterile, Individually Wrapped	50
C5070	Cell Strainer Kit w/ 70µm White Strainer, 50mL Tube and Screw Cap, Sterile, Individually Wrapped	50
C5100	Cell Strainer Kit w/ 100µm Yellow Strainer, 50mL Tube and Screw Cap, Sterile, Individually Wrapped	50
C4010	PolyPestle™ Double-Sided Pestle for Cell Strainers and 1.5mL Microtubes	50

Serological Pipettes NEW!



Red - 25mL



Individually Wrapped Peel Packaging

- Sterile, individually wrapped
- Ascending and descending graduations
- Standardized color coding
- Cotton plugged
- Paper/plastic peel packaging

MTC Bio Serological Pipettes are made from virgin polystyrene in a Class 100,000 cleanroom facility, under ISO 13485.

Available in six volumes (1, 2, 5, 10, 25, and 50mL), they are sterilized via E-beam and individually packaged in paper/plastic peel pouches.

All sizes have vivid black, positive and negative graduations and are color-coded for easy volume identification.



CAT. NO.	DESCRIPTION	QTY
P8270-01	1mL, Yellow Coded, Sterile, Graduated, Individually Wrapped	500
P8270-02	2mL, Green Coded, Sterile, Graduated, Individually Wrapped	500
P8270-05	5mL, Blue Coded, Sterile, Graduated, Individually Wrapped	200
P8270-10	10mL, Purple Coded, Sterile, Graduated, Individually Wrapped	200
P8270-25	25mL, Red Coded, Sterile, Graduated, Individually Wrapped	150
P8270-50	50mL, Black Coded, Sterile, Graduated, Individually Wrapped	150

ProPette™ Manual Pipette Controller



- Autoclavable lower body
- For glass or plastic pipettes
- Fingertip speed controller
- Easy, single lever controller
- Accommodates pipettes up to 100mL



ProPette™ MPC is the precise and easy-to-use manual pipette controller that's always ready to use. After attaching a pipette, one squeeze of its large rubber filling bulb is all it takes to start pipetting. There are no wires, no tubing, and no battery to recharge!

Begin aspirating by touching the EZ-Flow™ lever, which is designed to precisely control the filling speed based on how gently or firmly you press the lever. A built-in replaceable filter ensures an optimum rate and protects the controller from liquid penetration and overfill. A separate button provides a positive blow-out function when required.

CAT. NO.	DESCRIPTION	QTY
P6420	ProPette™ MPC, Manual Pipette Controller w/ Filter	1
P6080-FI	Replacement Filter, 0.8µm, Pack of 5	5



ProPette™ Electronic Pipette Controller

- With QuickStand™ retractable stand
- Variable speed control
- Cordless and rechargeable
- 8 hours of continuous operation
- For pipettes from 1mL to 100mL



ProPette™ Controllers from MTC Bio are lightweight (only 6.3oz/170g) and designed to fit comfortably in either the right or left hand.

The natural feel of the ergonomic body design, the computer-balanced weight distribution, and the low-pressure fingertip control buttons all combine to provide a more comfortable pipetting experience. Set your instruments down on the bench without risking contamination using the proprietary QuickStand™ included with the ProPette™ and ProPette Reach™.

Variable speed control



ProPette™ and ProPette Reach™

CAT. NO.	DESCRIPTION	QTY
P6080	ProPette™ Pipette Controller, w/ QuickStand™, 115V US	1
P6080-I	ProPette™ Pipette Controller w/ QuickStand™, 230V International	1
P6080-BA	Replacement Battery, Lithium, 3.7V, 750mAh	1
P6080-FI	Replacement Filter, 0.8µm, Pack of 5	5
P6080-PF	LiquiLock™ Premium Pipette Filter for Electronic Pipette Controllers, Pack of 5	5
P6080-NA	Silicone Nosepiece Adapter for Electronic Pipette Controller	1
P6080-RC	Replacement Charger for Electronic Pipette Controller	1

ProPette REACH™ Pipette Controller

WATCH THE VIDEO!

- Extended neck for improved ergonomics
- Perfect for use under the hood
- Allows user to rest elbow on bench
- QuickStand™ retractable kickstand
- Pressure-sensitive speed control



ProPette REACH™ eliminates the discomfort and fatigue normally associated with aspirating and dispensing under a hood. It dramatically reduces the amount of arm lift required to aspirate and dispense in bottles, flasks, and dishes. This takes pressure off the shoulder, elbow and wrist while minimizing the risk of repetitive strain injuries.

ProPette REACH™ also includes the proprietary QuickStand™, which defaults to a neutral and out-of-the-way position but can be folded back to support the pipette at an ideal angle, acting as a virtual “pause button” during research.

CAT. NO.	DESCRIPTION	QTY
P6950	ProPette REACH™, Long-Neck Pipette Controller, w/ QuickStand™, 115V US	1
P6950-I	ProPette REACH™, Long-Neck Pipette Controller, w/ QuickStand™, 230V International	1

Transfer Pipettes

These unbreakable, one-piece pipettes eliminate contaminated rubber bulbs, broken glass, and exposure to infectious materials. They are made of ultra-clear, low-density polyethylene (LDPE) and are ideal for microbiology, blood banking, hematology, immunology, and urinalysis. Sterile pipettes are excellent for tissue culture applications. Their low-affinity surface reduces sample, cell or protein loss.

Whether you make your selection based on length, bulb draw, pipette capacity, or number of drops per mL, one of these ten pipette designs is likely to be suitable for your application. Some have ultra-fine extended tips (P4113, P4117, P4121, P4122, and P4133) that allow for extremely precise dispensing and access into the narrowest vessels. They can also be heat-sealed for airtight sample storage. Their uniform drop size can be used for reproducible spotting of gels and TLC plates, and for dispensing into test plates, ID strips, PCR tubes, or 96-well plates.

DESCRIPTION	Bulk Non-sterile	Qty/ Pack	Sterile Indiv. Wrap	Qty/ Pack	Sterile 20/peel	Qty/ Pack
5mL, Large Bulb	P4111-00	250	P4111-11	500	P4111-14	500
5mL, Large Bulb, Graduated	P4113-00	250	P4113-11	500		
7mL, Large Bulb, Graduated	P4114-00	250	P4114-11	500	P4114-14	500
4.5mL, Blood Bank, Graduated	P4115-00	250	P4115-11	500		
3mL, Short Bulb	P4117-00	250	P4117-11	500		
1.5mL, Small Bulb	P4121-01	500	P4121-11	500		
5mL, Extended Tip	P4122-01	500	P4122-11	500		
7mL, Large Bulb	P4123-01	400	P4123-11	500		
4mL, Short Stem	P4132-00	250	P4132-11	500	P4132-14	500
4mL, Long Stem	P4133-00	500	P4133-11	500	P4133-14	500

CAT. NO.	Bulb Draw	Drops per mL	Length
P4111-00	3.5mL	22 Drops	150mm
P4113-00	3.5mL	25 Drops	160mm
P4114-00	3.5mL	21 Drops	160mm
P4115-00	2.6mL	28 Drops	146mm
P4117-00	1.5mL	22 Drops	138mm
P4121-01	1.0mL	50 Drops	104mm
P4122-01	3.5mL	65 Drops	144mm
P4123-01	6.0mL	66 Drops	150mm
P4132-00	3.5mL	22 Drops	83mm
P4133-00	3.5mL	28 Drops	150mm

Pipette Tips

- **200µL gel loading, 300µL, and 5mL available racked**
- **5mL and 10mL available bagged**
- **Sterile, RNase and DNase free**



P4300-RK
300µL - Unfiltered



P4300-FT
300µL - Filtered



P5720
200µL

CAT. NO.	DESCRIPTION	QTY
	200µL Gel Loading Tip - Fits 20, 50, 100, and 200µL Pipettes	
P5720	Gel Loading, 200µl, Sterile, 10 Racks of 96	960
	300µL - Fits 300µL and most 200µL Pipettes	
P4300-RK	Non-filtered, 300µL Capacity, Sterile, 10 Racks of 96	960
P4300-FT	Filtered, 300µL Capacity, Sterile, 10 Racks of 96	960
	5mL and 10mL - For ProPette™ and ProPette™LE	
P4305-B	5mL for ProPette™ and ProPette™ LE, Bagged, 10 Bags of 100	1000
P4305-R	5mL for ProPette™ and ProPette™ LE, Racked, 6 Racks of 24	144
P4311	10mL, for ProPette™ LE Pipettors	100
	5mL and 10mL - For Halo™ Pipettors	
H6505	5mL for Halo™ Pipettors	100
H6510	10mL for Halo™ Pipettors	100



P4300
Racks of 96

ProPette LE™ Mechanical Pipettors



Precision Micrometer


Roto-Lock™
Volume Locking System

- Adjustable with Roto-Lock™
- Light weight with reduced forces
- Superior accuracy and reproducibility
- Single channels span 0.1µL to 10mL volumes
- Multi channels span 1.0µL to 300µL volumes



ProPette LE™ Single-Channel Pipettes provide maximum precision at virtually every conceivable volume. They feature a digital micrometer that is adjustable for precise volume control as well as a mechanical volume lock positioned at the top of the pipette that can be engaged or disengaged with one hand. These pipettors are lightweight and finely balanced for maximum ergonomics.

P5200-SK

Standard* ProPette™ LE Starter Kit includes:

- **P5200-10U (10µL)**
- **P5200-20U (20µL)**
- **P5200-200U (200µL)**
- **P5200-1M (1000µL)**
- **P4280-CR (6-place carousel)**

***Alternate pipettor sizes can be substituted in the starter kit upon request.**



CAT. NO.	DESCRIPTION	QTY
P5200-2U	0.2 to 2µL, ProPette™ LE Single Channel Pipette	1
P5200-10U	1 to 10µL, ProPette™ LE Single Channel Pipette	1
P5200-20U	2 to 20µL, ProPette™ LE Single Channel Pipette	1
P5200-50U	5 to 50µL, ProPette™ LE Single Channel Pipette	1
P5200-100U	10 to 100µL, ProPette™ LE Single Channel Pipette	1
P5200-200U	20 to 200µL, ProPette™ LE Single Channel Pipette	1
P5200-300U	30 to 300µL, ProPette™ LE Single Channel Pipette	1
P5200-1M	100 to 1000µL, ProPette™ LE Single Channel Pipette	1
P5200-5M*	1 to 5mL*, ProPette™ LE Single Channel Pipette	1
P5200-10M*	1 to 10mL*, ProPette™ LE Single Channel Pipette	1
P5200-SK	ProPette™ LE Starter Kit	1

*Ejector not available for 5mL and 10mL ProPettes™

Ideal for all 96-well applications, ProPette LE™ Multi-Channel Pipettes are lightweight, rugged, and capable of standing up to the demands of everyday use in a busy laboratory environment.

Five overlapping volume options are optimized for maximum precision throughout the 1 to 300µL usable range.



Capacity Range	ProPette™ LE 8-Channel Cat. No.	QTY	ProPette™ LE 12-Channel Cat. No.	QTY
1.0 to 10µL	P5208-10U	1	P5212-10U	1
2.0 to 20µL	P5208-20U	1	P5212-20U	1
5.0 to 50µL	P5208-50U	1	P5212-50U	1
20 to 200µL	P5208-200U	1	P5212-200U	1
30 to 300µL	P5208-300U	1	P5212-300U	1

CAT. NO.	DESCRIPTION	QTY
	Tips for ProPette™ and ProPette™LE	
P4305-B	5mL for ProPette™ and ProPette™ LE, 10 Bags of 100	1000
P4305-R	5mL for ProPette™ and ProPette™ LE, 6 Racks of 24	144
P4311	10mL, for ProPette™ LE Pipettors	100
P5720	Gel Loading, for 200µL ProPette™ LE, Sterile, 10 Racks of 96	960

Halo™ Single Channel Pipettors NEW!

WATCH THE VIDEO!

- 10-40% lighter than leading competitors
- 4 Digit micrometer with DriftGuard™ protection
- Exclusive 1250µL model for extended length tips
- User-enabled calibration port
- Compatible with universal tips

As one of the lightest pipettors ever introduced, the Halo™ Pipettor dramatically reduces the risk of repetitive stress injury and the general shoulder, arm, and hand fatigue associated with daily pipetting. Reduced actuation forces and an ergonomic design make Halo™ Pipettors feel balanced and natural in hand.

Featuring a four-digit micrometer display for precise volume selection and a click-based adjustment wheel with DriftGuard™ protection, the Halo™Pipettor is perfect for applications that demand exceptional accuracy. With a recessed ejector button, and cushioned, shock-absorbing stop, the ergonomics of tip ejection have been re-imagined to relieve stress on the thumb and joints.



H6800-10M H6800-200

Halo™ Pipettors are available in 10 volumes, including a new 1250µL model that allows you to unlock the full capacity of extended-length pipette tips.

CAT. NO.	DESCRIPTION	QTY
H6800-2	0.1 to 2.0µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-10	0.5 to 10µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-20	2 to 20µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-50	5 to 50µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-100	10 to 100µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-200	20 to 200µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-1M	100 to 1000µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-1MXL	200 to 1250µL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-5M	0.5 to 5mL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-10M	1 to 10mL, Halo™ Single Channel Pipettor, Lightweight	1
H6800-CR	Halo™6-place Pipette Carousel	1
H6800-SK	Halo Pipettor Starter Kit	1



H6800-1MXL

H6800-SK

Standard* Halo™ Pipettor Starter Kit includes:

- **A H6800-10 (10µL)**
- **B H6800-20 (20µL)**
- **C H6800-200 (200µL)**
- **D H6800-1MXL (1250µL)**
- **E H6800-CR (Carousel)**



***Alternate pipettor sizes can be substituted in the starter kit upon request.**

Tips For Halo™ Pipettors		
CAT. NO.	**DESCRIPTION**	**QTY**
H6505	5mL Pipette Tips for Halo™ Pipettors	100
H6510	10mL Pipette Tips for Halo™ Pipettors	100

Standard Width Solution Reservoirs

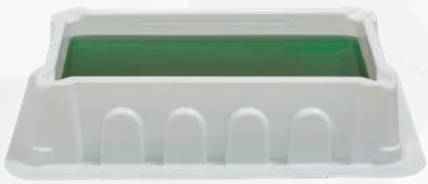
Five free lids included in all three P8025 configurations



P8025-LID
25mL Reservoir Lid

- **Graduated inner walls**
- **Micro-trough™ U-shaped bottoms**
- **Pouring spouts on all 4 corners**
- **RNase, DNase, and pyrogen free**

100mL Reservoir



P8100

Five free lids included in all three P8050 configurations



P8050
50mL Reservoir

MTC Bio's multi-channel solution reservoirs are designed for use with all multi-channel pipettes. Standard 4-channel, 8-channel, and 12-channel—as well as various special-purpose pipettes—are all compatible with these disposable, polystyrene reservoirs. To facilitate easy, dripless pour-off of unused reagents and solutions, all versions have indented "spouts" in each corner. Bottoms are fitted with a "U" shaped Micro-trough™ to minimize waste and reagent consumption.

DESCRIPTION	Bulk Non-Sterile	Qty/ Case	Sterile Indiv. Wrap	Qty/ Case	Sterile 5/Bag	Qty/ Pack
25mL	P8025	100	P8025-1S	100	P8025-5S	200
50mL	P8050	100	P8050-1S	100	P8050-5S	200
50mL (Divided)	P8051	100	P8051-1S	100	P8051-5S	200
100mL	P8100	100	P8100-1S	100	P8100-5S	200



P8051
50mL Divided

Don't leave valuable reagents in open reservoirs vulnerable to debris or airborne contaminants. MTC Bio's 25 and 50mL protective lids inhibit evaporation and keep your solutions/reagents safe from dust or contamination.

CAT. NO.	DESCRIPTION	QTY
P8025-LID	Optional Lid for Standard 25mLReservoirs, Sterile, 8 Bags of 25	200
P8050-LID	Optional Lid for Standard 50mL Reservoirs, Sterile, 8 Bags of 25	200

ASPIR-8™ Reduced Width Solution Reservoirs



P7025
25mL Reservoir

- **Specifically designed for 8-channel pipettes**
- **75mm inner chamber**
- **Conserve valuable reagents**



P7005
5mL Reservoir

ASPIR-8™ is the ideal reservoir for any lab utilizing 8-channel pipettes. The strict inner dimensions are designed specifically for 8-channels, thus conserving space and reagents over their longer 12-channel counterparts. This thinner design minimizes reagent exposure and usage. ASPIR-8™ is the only reservoir basin that is tailor-made for your 8-channel instrument.



P8010
10mL Reservoir

CAT. NO.	DESCRIPTION	QTY
P7005	ASPIR-8™ Reservoir, 5mL, Non-Sterile, Bulk Pack	300
P7005-1S	ASPIR-8™ Reservoir, 5mL, Sterile, Individually Wrapped	100
P7005-5S	ASPIR-8™ Reservoir, 5mL, Sterile, 40 Bags of 5	200
P8010	ASPIR-8™ Reservoir, 10mL, Non-Sterile, Bulk Pack	300
P8010-1S	ASPIR-8™ Reservoir, 10mL, Sterile, Individually Wrapped	100
P8010-5S	ASPIR-8™ Reservoir, 10mL, Sterile, 40 Bags of 5	200
P7025	ASPIR-8™ Reservoir, 25mL, Non-Sterile, Bulk Pack	100
P7025-1S	ASPIR-8™ Reservoir, 25mL, Sterile, Individually wrapped	100
P7025-5S	ASPIR-8™ Reservoir, 25mL, Sterile, 40 Bags of 5	200

nUVaClean™ UV Sterilizing Pipette Carousel

Patent No.: **US-11,707,541-B2 and US-11,141,497-B2**

WATCH THE VIDEO!

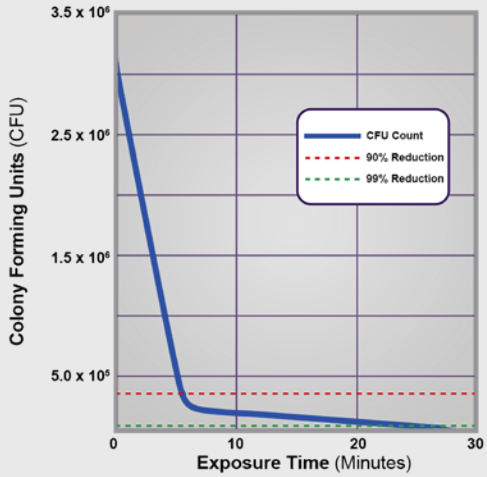
- **Eliminates cross-contamination**
- **360° UV exposure**
- **Fits all major brands**
- **Compact 6.5in. (17cm) footprint**
- **Made in USA**



MTC Bio's nUVaClean™ is the first and only pipette rack that not only organizes and protects six pipettes, but also destroys more than 99% of unwanted contamination. The nUVaClean™ carousel uses a germicidal UV-C lamp with a high-efficiency reflector/concentrator that completely bathes pipette shafts in 254nm UV light. This exposure destroys unwanted microbiological contaminants and prevents cross-contamination in PCR and other sensitive procedures.

Just place single-channel pipettes of any range or brand in the nUVaClean™ and press the "start" button to begin the auto-decon cycle. After 28 minutes, the nUVaClean™ will power down automatically, delivering up to six pipettes that are safe, clean, and ready for use.

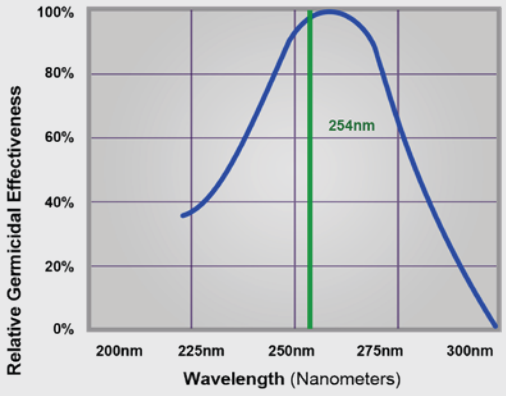
Effectiveness of nUVaClean™ on S. aureus*



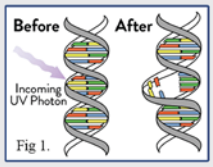
Adjustable pipettes were inoculated with S. aureus and placed in the UV Pipette Carousel. Individual pipettes were removed during the Auto-Decon™ cycle at various intervals and rinsed to collect any residual contamination. The rinses were then plated and the CFU counted to determine the effectiveness of a single decontamination cycle.

*Information compiled by an independent research laboratory.

Germicidal Lamp Output vs. Effectiveness



The blue curve, above, shows the germicidal effectiveness of UV light on E. Coli. The green line represents the 254nm wavelength of industry standard germicidal lamps like the one at the core of the nUVAClean's pipette chamber. This lamp emits greater than 90% of its light at 254nm, which causes damage to the DNA of microorganisms, preventing their growth and reproduction, ultimately destroying them (see Figure 1.).

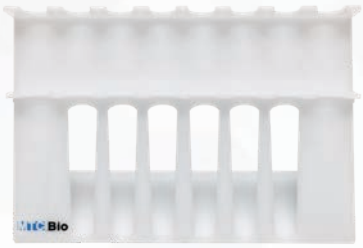


CAT. NO.	DESCRIPTION	QTY
P5590	nUVaClean™ UV Pipette Carousel, w/ Germicidal UV Lamp, 115V	1
P5590-E*	nUVaClean™ UV Pipette Carousel, w/ Germicidal UV Lamp, 230V	1

*Specify plug, EU, UK, or AU

SureStand™ Multi-Channel Capable Pipette Rack

Patent No.: **US D872,300 S**



P4408 - **Holds 8 Pipettes (6 multi-channel)**

- **Universal - Fits all popular pipettes**
- **5mm acrylic - 40% thicker**
- **Non-skid rubber feet**
- **Multi-channel "window" slots**



WATCH THE VIDEO!

P4403
Holds 3 Pipettes
(1 multi-channel)

SureStand™ pipette racks are unique in their ability to accommodate multi-channel pipettes without sacrificing any of the stability of a traditional acrylic rack.

The patented "windows" allow the user to insert the multi-channel head longways through the rack while keeping the body of the pipette stable by securing the pipette at two points: under the finger hook and near the bottom of the handle.

SureStand™ is available in four versions: a 3-place rack that accepts one multi-channel, a 5-place rack that accepts two multi-channels, a 6-place rack that accepts four multi-channels, and an XL 8-place rack that accepts up to six multi-channels. Each SureStand™ is also outfitted with four non-skid rubber "feet" for extra stability. SureStand™ is guaranteed to be the sturdiest and most versatile pipette rack in your lab.



P4406
Holds 6 Pipettes
(4 multi-channel)

CAT. NO.	DESCRIPTION	QTY
P4403	SureStand™ Rack, Holds 3 pipettes, Slot for One Multi-Channel	1
P4405	SureStand™ Rack, Holds 5 pipettes, Slots for Two Multi-Channels	1
P4406	SureStand™ Rack, Holds 6 pipettes, Slots for Four Multi-Channels	1
P4408	SureStand™ XL Rack, Holds 8 pipettes, Slots for Six Multi-Channels	1

Universal Pipette Carousel Rack



- **Accepts most popular pipettes**
- **Rotates 360 degrees**

Organize your benchtop with a pipette carousel rack that has a weighted metal base for added stability and features universal fitting slots for six single-channel pipettors. Keep your pipettes safe and in a convenient location with this great pipette stand. MTC's pipette carousel accepts many popular brands of pipettes on the market today.

The list of compatible pipettes includes, but is not limited to: Gilson Pipetman® (all models, old and new), Rainin® (Classic and LTS), Eppendorf Research® Plus and various models of Labnet™ and HTL™ variable volume pipettes.



Six pipette capacity



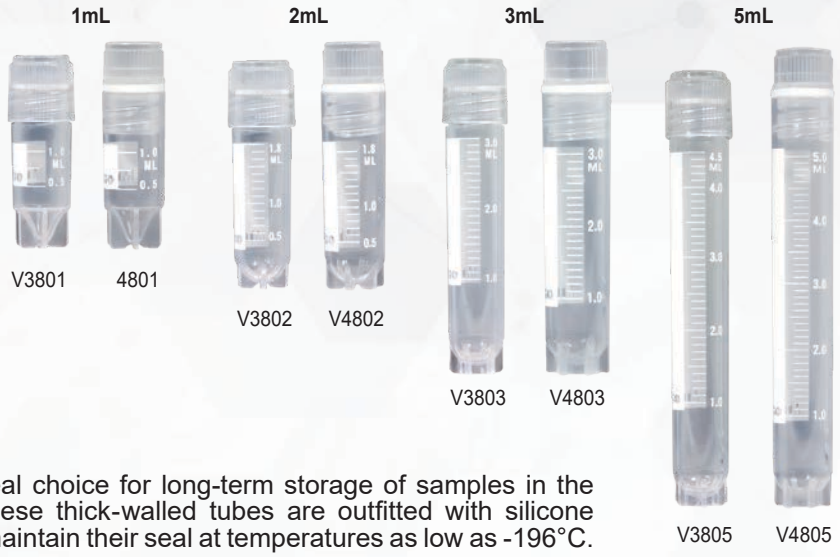
Sturdy steel base

CAT. NO.	DESCRIPTION	QTY
P4280-CR	Universal Pipette Carousel, Holds 6 Pipettes	1

Pipetman® is a registered trademark of Gilson S.A.S.
Rainin® is a registered trademark of Mettler-Toledo Rainin, LLC
Eppendorf Research® is a registered trademark of Eppendorf SE

Cryogenic Vials NEW!

- Store at temperatures as low as -196°C
- Self-standing star foot
- Leak-proof silicone O-ring
- Gamma sterilized
- RNase, DNase, pyrogen & endotoxin free



Material:
Polypropylene Vial Silicone O-Ring
Temp Range:
-196°C to +121°C
Vial Diameter
12.5mm

Cryogenic vials are the ideal choice for long-term storage of samples in the harshest environments. These thick-walled tubes are outfitted with silicone O-rings that allow them to maintain their seal at temperatures as low as -196°C.

Sterilized by gamma irradiation, MTC Bio cryogenic vials are designed to hold, store, and preserve biological materials for days, weeks, years, or decades. The self-standing starfoot base mates perfectly with an included rack so that one hand is all that is needed to install and remove caps.

External Thread Cap



V3800 Series Vials

Internal Thread Cap



V4800 Series Vials

CAT. NO.	DESCRIPTION	QTY
	External Thread Vials	
V3801	1mL, Sterile, 10 Resealable Bags of 50	500
V3802	2mL, Sterile, 10 Resealable Bags of 50	500
V3803	3mL, Sterile, 10 Resealable Bags of 50	500
V3805	5mL, Sterile, 10 Resealable Bags of 50	500

CAT. NO.	DESCRIPTION	QTY
	Internal Thread Vials	
V4801	1mL, Sterile, 10 Resealable Bags of 50	500
V4802	2mL, Sterile, 10 Resealable Bags of 50	500
V4803	3mL, Sterile, 10 Resealable Bags of 50	500
V4805	5mL, Sterile, 10 Resealable Bags of 50	500

V5920
50 Place Locking Rack



One Locking Rack FREE in every case!

Color Cap Inserts for Cryogenic Vials



CAT. NO.	DESCRIPTION	QTY
	Cryovial Accessories	
V5809-A	Cap Inserts for Cryogenic Vials, Assorted Colors	500
V5809-B	Cap Inserts for Cryogenic Vials, Blue	500
V5809-G	Cap Inserts for Cryogenic Vials, Green	500
V5809-R	Cap Inserts for Cryogenic Vials, Red	500
V5809-W	Cap Inserts for Cryogenic Vials, White	500
V5809-Y	Cap Inserts for Cryogenic Vials, Yellow	500
V5920	Locking Rack for Cryogenic Vials, 50-place (5×10)	4

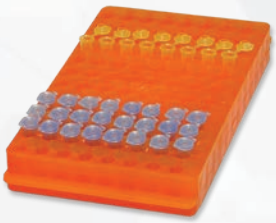
Storage Racks and Boxes



R1030



R1010



R1050

- **Polypropylene - withstands -86°C**
- **Compact and space efficient**
- **Autoclavable**
- **6 types - for 0.2mL to 50mL**

Racks:
MTC Bio's benchtop tube racks are made of 100% polypropylene and are available in three popular configurations. No. R1030 is a 4-way rack that can be used to hold 4×50mL, 12×15mL, or 32×microtubes (0.5, 1.5, or 2mL). They can be snap-linked together to form as large a rack as is needed. No. R1070 is a unique rack that holds 30×15mL and 20×50mL. No. R1050 is a reversible rack for 96×1.5mL on one side and 96×0.5mL on the other.

Boxes:
Suitable for refrigerator and freezer storage as low as -86˚C, these boxes have translucent lids and numbered cavities. No. R1010 is a PCR workstation rack/box for 96×0.2mL (plates, strips or individual tubes). No. R1020 is a 10×10 format with an attached hinged lid. No. R1060 is the standard 9×9 format with a friction-fit lid.



R1020



R1040



R1070

CAT. NO.	DESCRIPTION	QTY
R1010	Rack, PCR, 96×0.2mL, w/ Lid, Assorted Colors	5
R1020 [1]	Storage Box, Hinged Lid, 100×1.5mL, Assorted Colors [1]	5
R1030	Rack, 4-Way (4×50mL, 12×15mL, 32×1.5mL, 32×0.5mL), Assorted Colors	5
R1040 [2]	Tube Rack, Fraction Collector Type, 80×1.5mL/2mL, Assorted Colors (B, G, O, R, Y) [2]	5
R1050	Rack, Reversible, 96×1.5/2.0mL or 0.5mL, (11.3×19.9cm), Orange	5
R1060	Rack, Freezer, PP, 81×2mL, (13×13×4.5cm), Assorted Colors	5
R1070	Combo Rack for 30×10/15mL & 20×25/50mL (17×20×6cm), Orange	5
R1090-B	Rack, Reversible, 60×1.5/2.0mL or 0.5mL, (7.1×19.7cm), Blue	5
C2590	2-Tiered Rack for 5mL MacroTubes®, 16-place, (pictured on page 7)	1
C2592	Decanting Rack w/ Silicone Grip Wells, Fits 50 Tubes up to 17mm Diameter	1

1. For individual colors, please add "-B" for Blue, "-G" for Green, "-O" for Orange, "-R" for Red, "-Y" for Yellow, or "-BK" for Black
2. For individual colors, please add "-B" for Blue, "-G" for Green, "-O" for Orange, "-R" for Red, or "-Y" for Yellow

NEW! IceRack™ Crushed Ice Tube Racks



- **For use with crushed ice**
- **Polypropylene, -86° to 135°C**
- **Detachable "lift-off" lids**
- **For screw cap and snap cap tubes**

Material:
Polypropylene
Temperature Range:
-86°C to +135°C
Dimensions:
R8012 - 7×3¾×2in. R8013 - 7×3¾×2in. R8014 - 6×6×2in.

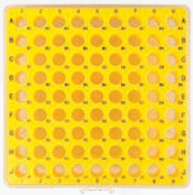
IceRack™ boxes have a removable white tube tray that allows the blue base to be filled with crushed ice or other temperature-controlling materials. They also feature a translucent cover.

CAT. NO.	DESCRIPTION	QTY
R8012	72×0.5mL, Fits 0.5 to 0.65mL Tubes	6
R8013	72×1.5mL, Fits 1.5 to 2.0mL Tubes	6
R8014	100×1.5mL, Fits 1.5 to 2.0mL Tubes	6

Temperature-sensitive samples and assays in microtubes can be processed with an extra degree of temperature stability.

These boxes are suitable for use with screw-cap or snap-cap microtubes from 0.5mL to 1.5/2.0mL and are supplied six per pack.

BetterBox™ Microtube Storage Boxes





- Organized, secure storage for 1.5mL tubes
- Black alphanumeric identification
- 81 slots for 1.5mL or 2.0mL microtubes
- Removable insert for crushed ice usage



Interlocking grooves and feet for easy stacking and transportation

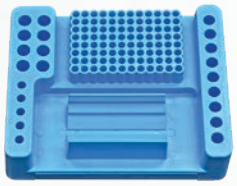
MTC Bio's BetterBox™ is a premium-quality, autoclavable polypropylene storage box with 81 slots to neatly and securely hold 1.5 or 2.0mL microtubes. The box features a frosted marking spot on the front and top surface, as well as an attached hinged lid with a locking clasp. The tube tray insert can be removed to allow the base to be filled with crushed ice or liquid.

BetterBox™ is made of autoclavable virgin polypropylene and is freezable to -80° C.

CAT. NO.	DESCRIPTION	QTY
	BetterBox™ - 81 Slots for 1.5 to 2.0mL Microtubes	
R1081-A	BetterBox™ Storage Box with Hinged Lid, Assorted Colors	5

CoolCaddy™ PCR Workstation

WATCH THE VIDEO!



- Maintains 2-4°C for 5 hours
- Keeps samples cool, but not frozen
- Accommodates multiple vessel types



Capacities:	
9	1.5 / 2.0mL Microtubes
8	2.0mL Cryovials
5	0.5mL Microtubes
1	PCR Plate
12	PCR Strips (96 Tubes)
1	50mL Reservoir

CoolCaddy™ keeps your reagents and samples cool on the lab bench without using crushed ice. Simply store your CoolCaddy™ overnight in any standard freezer and it's ready to hold temperatures between 2° and 4°C for up to 5 hours. Solutions within your tubes, plates, strips, and multi-channel reservoirs can all be kept cool while you perform your experiments.

CAT. NO.	DESCRIPTION	QTY
R4015	CoolCaddy™ Cold Station for PCR Plate, Tubes, and Cryogenic vials	1

BioBucket™ Collapsible Bucket



- Usable with crushed ice
- Molded grip on base for pouring
- Attached handle for easy transportation
- Inner-lid access port for enhanced temperature retention







BioBucket™ is a general laboratory container that every lab could benefit from. Its collapsible nature makes it the ideal container for any lab looking to conserve storage space. BioBucket™ can be used as an ice bucket to keep samples cool over long periods of time or as a portable liquid container. The attached handle makes transportation a breeze, while the molded base grip allows for easy pouring and cleaning.

The BioBucket™ is perfect for field use as an environmental sample collection and transport receptacle.

CAT. NO.	DESCRIPTION	QTY
B8300	BioBucket™ Collapsible Laboratory Bucket, 5 Liter	1

For 1.0 to 2.0mL tubes



R2200
100 (10×10) tubes



R2281
81 (9×9) tubes

Polycarbonate Freezer Boxes

- **Convenient hinged lid**
- **Includes drainage slots for LN_2**
- **Polycarbonate, withstands -196°C**



These ultra-low temperature storage boxes are designed to hold 1.2mL to 2.0mL (5mL for C2581) cryogenic storage vials. A numbered grid is printed both on the crystal-clear lid and the wells of the blue base itself. These boxes are fully autoclavable and can withstand temperatures ranging from -196° to +121°C.

CAT. NO.	DESCRIPTION	DIMENSIONS	QTY
R2281	Cryo Storage Box, 81-Place (9×9), Polycarbonate, w/ Hinged Lid	5¼×5¼×2in.	5
R2200	Cryo Storage Box, 100-Place (10×10), Polycarbonate, w/ Hinged Lid	5¼×5¼×2in.	5
C2581	Freezer Box, 25-Place (5×5), for 5mL Centrifuge Tubes, w/ Pull-Off Lid (pictured on page 7)	5¼×5¼×2¾in.	5



2-inch boxes available in these great colors!

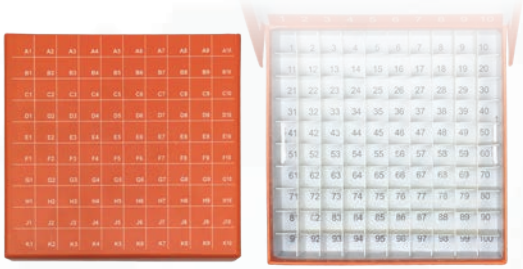
FlipTop™ Cardboard Freezer Boxes

- **5¼×5¼ inch foot prints - choice of 2 or 3 inch heights**
- **Attached hinged lids - foolproof identification**
- **Alpha-numeric coding on top, sides, bottom**
- **9×9 or 10×10 tube formats**



Hinged lids and LN_2 draining slots

MTC Bio's FlipTop™ hinged lid boxes are made of recyclable cardboard with a liquid-resistant outer coating. They are shipped fully assembled with 81-place or 100-place cardboard dividers. Each box has drain slots on the bottom surface and numbered grid markings printed on the top, bottom, and sides for easy identification no matter where you're looking. These boxes are useful in temperatures as low as -196°C.



Grid codes printed on lid and in box



R3700



R3781

3-Inch height options available

CAT. NO.	DESCRIPTION	QTY
	2-Inch Boxes - 5¼×5¼ inch footprint - Tubes up to 13.1mm diameter	
R2700	2-Inch, 100-Place, w/ Attached Hinged Lid, White	5
R2700-B	2-Inch, 100-Place, w/ Attached Hinged Lid, Blue	5
R2700-G	2-Inch, 100-Place, w/ Attached Hinged Lid, Green	5
R2700-O	2-Inch, 100-Place, w/ Attached Hinged Lid, Orange	5
R2700-P	2-Inch, 100-Place, w/ Attached Hinged Lid, Purple	5
R2700-R	2-Inch, 100-Place, w/ Attached Hinged Lid, Red	5
R2700-A	2-Inch, 100-Place, w/ Attached Hinged Lid, Assorted Colors	5
R2781	2-Inch, 81-Place, w/ Attached Hinged Lid, White	5
R2781-B	2-Inch, 81-Place, w/ Attached Hinged Lid, Blue	5
R2781-G	2-Inch, 81-Place, w/ Attached Hinged Lid, Green	5
R2781-O	2-Inch, 81-Place, w/ Attached Hinged Lid, Orange	5
R2781-P	2-Inch, 81-Place, w/ Attached Hinged Lid, Purple	5
R2781-R	2-Inch, 81-Place, w/ Attached Hinged Lid, Red	5
R2781-A	2-Inch, 81-Place, w/ Attached Hinged Lid, Assorted Colors	5
	3-Inch Boxes - 5¼×5¼ inch footprint - Tubes up to 12.5mm diameter	
R3700	3-Inch, 100-Place, w/ Attached Hinged Lid, White	50
R3781	3-Inch, 81-Place, w/ Attached Hinged Lid, White	50

Western Blotting Boxes


B1200-19

- For wholes, halves, strips, or minis
- A perfect box for every blot
- Reduce antibody usage
- Hinged lid reduces evaporation
- Multiple sizes available in opaque black


B1200-7

B1200-13

B1200-17

B1200-13BK




B1300-8BK

Ideal for Novex™ and other Mini-Gels

No matter what size your Western blot is, there's a box that fits it perfectly. With boxes that are correctly matched to common blot sizes, you can fit more blots on shakers/rockers while keeping reagent and antibody usage to an absolute minimum. Additionally, all corners are formed at 90˚ angles and the bottom surface is uniformly flat, further reducing consumption of costly reagents and antibodies. (For example, popular mini-gels require only about 4mL.)

CAT. NO.	DESCRIPTION	APPLICATION	QTY
B1200-3	73×30×19mm, Micro-Strip	Various	5
B1200-5	73×51×32mm, Mini-Rectangle	Half Mini-Protein Gels	5
B1200-7 B1200-7BK	89×65×25mm, Rectangle 89×65×25mm, Rectangle, Black	Mini-Protein Gels (Bio-Rad Protean 3 & Similar)	5 5
B1200-9	95×30×16mm, Long Strip	Protean 3 (cut up)	5
B1200-11	111×52×29mm, Medium Strip	Various	5
B1200-13 B1200-13BK	117×89×28mm, Large 117×89×28mm, Large, Black	Cambrex PAGEr Gold, Novex, Might Small, SureLock mini	5 5
B1200-15 B1200-15BK	116×116×32mm, Square 116×116×32mm, Square, Black	Owl Penguin P9DS/Puffin	5 5
B1200-17	152×102×32mm, Extra Large	Bio-Rad Criterion, Amersham	5
B1200-19	152×102×51mm, XXL	Bio-Rad Criterion, Amersham	5
B1300-8BK	85×85×28mm, Square, Removable Lid, Black,	Novex™ Mini Gels	10

Western MultiBoxes™

2 Compartments


B1212

4 Compartments


B1203

4 Compartments


B1204

6 Compartments


B1206

MTC Bio introduces the new MultiBox™ Western Blotting Box family. The popularity of our 6-place box has proven that researchers love the ease and convenience of using one box to process multiple gels. We've taken some of our most popular box sizes and multiplied them, allowing users to compare results side by side in real time.

CAT. NO.	BOX DIMS	COMPARTMENTS	COMPARTMENT DIMS	QTY
B1212	85×174×30mm	2 Compartments	85×85×30mm Each	6
B1203	72×115×28mm	4 Compartments	32×53×28mm Each	6
B1204	80×142×28mm	4 Compartments	38×71×38mm Each	6
B1206*	107×210×35mm	6 Compartments	33×103×35mm Each	4

*Ideal for long strips / cut up Protean 3 Strips

Blu-Lite UHC™ Western Blotting Film

- **Light blue base**
- **Ideal for chemiluminescence**
- **Suitable for ^{14}C, ^{32}P, ^{33}P, ^{125}I, ^{35}S**
- **Ultra-high contrast**
- **Reduced background**
- **Publication quality**

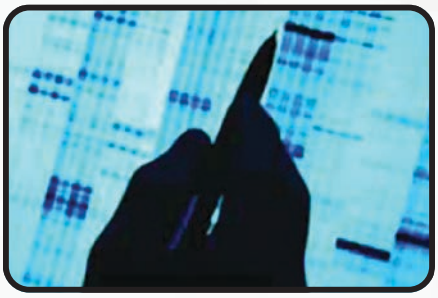


Blu-Lite UHC™ is MTC Bio's newest line of high-contrast, high-sensitivity autoradiography film. Blu-Lite UHC™ film is specially formulated for an optimized balance of high sensitivity and low background.

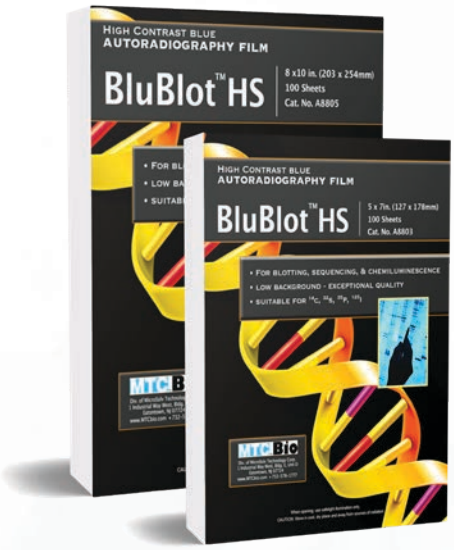
This low-background, high-contrast formula produces a lighter blue film that is ideal for all autoradiographic and electrophoretic applications. In addition to excellent contrast characteristics, Blu-Lite UHC™ is also coated on both sides (double emulsion) for improved consistency and overall performance.

Especially useful with chemiluminescence, Blu-Lite UHC™ works well with ^{14}C, ^{32}P, ^{125}I, and ^{35}S.

This new film reliably produces sharp images, which allow for maximum DNA visualization with unsurpassed clarity. Compatible with automatic processors and manual development methods, Blu-Lite compares directly with films costing 3-5 times as much. With a shelf life of 2 years from the date of production, Blu-Lite UHC™ is packaged in lined, light-safe dispenser boxes that include an improved "lift-off" cover.



CAT. NO.	DESCRIPTION	QTY
A8813	BluLite UHC™ Western Blotting Film, (5×7in. | 12.7×17.8cm)	100
A8815	BluLite UHC™ Western Blotting Film, (8×10in. | 20.3×25.4cm)	100



BluBlot™ HS Western Blotting Film

- **Medium/dark blue base**
- **Suitable for ^{14}C, ^{32}P, ^{33}P, ^{125}I, ^{35}S**
- **Ideal for chemiluminescence**
- **Publication quality**
- **Double emulsion**
- **High sensitivity**

BluBlot™ HS is a high-quality, highly sensitive film that is ideal for a wide range of electrophoretic and autoradiography applications. It can be used with calcium tungstate or blue-emitting rare-earth screens. BluBlot™ HS exhibits excellent sensitivity and is coated on both sides for improved consistency and overall performance. It reliably produces sharp, bright images that are easily visualized and suitable for publication.

Especially useful with chemiluminescence, BluBlot™ HS works well with ^{14}C, ^{32}P, ^{33}P, ^{125}I, and ^{35}S.



Compatible with automatic processors and manual development methods, BluBlot™ HS compares directly with films costing up to 3 times as much. With a shelf life of at least 18 months from the date of production, BluBlot™ HS is packaged in lined, light-safe dispenser boxes of 100 sheets per box.

CAT. NO.	DESCRIPTION	QTY
A8803	BluBlot™ HS Western Blotting Film, (5×7in. | 12.7×17.8cm)	100
A8805	BluBlot™ HS Western Blotting Film, (8×10in. | 20.3×25.4cm)	100

BenchBin™ Benchtop Biohazard Bin

NEW!



WATCH THE VIDEO!

- Safely dispose of tips, tubes, gloves, etc.
- Secures and covers hazardous waste
- Easy push open/close spring-loaded lid
- Compact footprint - 7×5×7 in.



A8401B



BenchBin™ is the personal waste container for every researcher's workspace.

Use with 8½×11in. autoclave bags to contain biological waste for subsequent processing, or forget the bag and use the BenchBin™ as a waste container for non-hazardous materials. The red cover is easily removed from the inner basin for easy emptying of contents. Perfect for pipette tips, microcentrifuge tubes, and gloves, the BenchBin™ features a push to open/close lid that keeps used materials covered and your bench neat.





Autoclavable Bags



A9004R

CAT. NO.	DESCRIPTION	QTY
A8401B	BenchBin™ Benchtop Biohazard Bin, 1.5L Capacity, (7×5×7in. | 17.8×12.7×17.8cm)	1
A9004R	Red Biohazard Bags w/ Black Printed Markings, (8½×11in. | 21.6×28cm)	100
A8401-SK	BenchBin™ Starter Kit: 1 Bin, 400 Biohazard Bags	1

BowTie™ Biohazard Series

NEW!

- Easy-to-use drawstring closure
- Sterilization indicator patch on bags
- Hands-free foot pedal lid

The BowTie™ Biohazard Bags' exclusive drawstring loops provide an instant-cinch closure and easy removal from bag stands and bins. These drawstring loops allow for venting during sterilization and offer an easy and safe way to remove bags from a hot autoclave. Bags are clearly marked with a biohazard symbol.

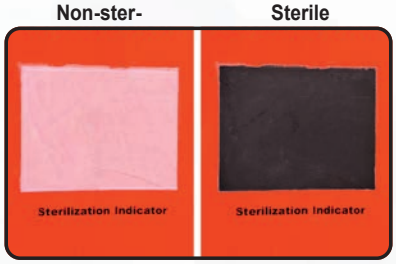
The BowTie™ Biohazard Bag is made of 2.25 mil HDPE and is suitable for autoclaving in 121°C cycles.



A8001R A8000B A8002B

MTC Bio's Biohazard Bin fits the BowTie™ Bags perfectly, and its touchless lid allows for quicker disposal of hazardous waste. Use A8001R with our medium A8000B bin or, for larger capacities, use A8003R with our XL A8002B bin.

CAT. NO.	DESCRIPTION	QTY
	Bags - HDPE, w/ Drawstring, Marking Area, and Sterilization Indicator	
A8001R	BowTie™ Biohazard Bags, 12 Gallon (45L) (25×35in.) Fits Bin # A8000B	100
A8003R	BowTie™ Biohazard Bags, 30 Gallon (113L) (33×41in.) Fits Bin # A8002B	100
	Bins - PP, w/ Attached Lid and Hands-Free Foot Pedal	
A8000B	BowTie™ Biohazard Bin, 8 Gallon (30L), (10×14×19in.) Accepts Bag # A8001R	1
A8002B	BowTie™ Biohazard Bin, 26 Gallon (100L) (19×19×33in.) Accepts Bag # A8003R	1



A8001R - Sterilization Indicator

Biohazard Bag



A9004R

Wire Rack Stand


A9004-WR

Autoclavable Waste Bags

- Heavy gauge polypropylene
- Large white marking areas
- Strong seamless bottoms
- Printed biohazard symbols



These high-temperature autoclavable bags are manufactured from heavy-gauge polypropylene material that is not only more puncture-resistant than polyethylene but also withstands autoclaving at temperatures up to 134˚C (270˚F).



CAT. NO.	DESCRIPTION	CAPACITY	QTY
A9000C	Clear Biohazard Bag, PP, (12.2×26in. | 31×66cm), 4 Packs of 50	3 Gallons	200
A9000R	Red Biohazard Bag, PP, (12.2×26in. | 31×66cm), 4 Packs of 50	3 Gallons	200
A9002C	Clear Biohazard Bag, PP, (24×32in. | 61×81.3cm), 4 Packs of 50	12 Gallons	200
A9002R	Red Biohazard Bag, PP, (24×32in. | 61×81.3cm), 4 Packs of 50	12 Gallons	200
A9004R	Red Biohazard Bag, PP, (8½×11in. | 21.6×28cm), 1 Pack of 100	0.43 Gallons	100

CAT. NO.	DESCRIPTION	QTY
A9004-WR	Wire Rack Stand for (8½×11in. | 21.6×28cm) bags (A9004R)	1
A9004-SK	Benchtop Disposal Set: 1 Metal Stand (A9004-WR) and 400 Red Bags (A9004R)	1

Microscope Slides



- Positive charged for cell adhesion
- Ultra-clean / dust-free
- Frosted on one end
- Choose 90° or 45° cut corners
- Slide dispenser fits 72 slides


7100-SD

90° Corners 45° Corners


M7100-90 M7100-45

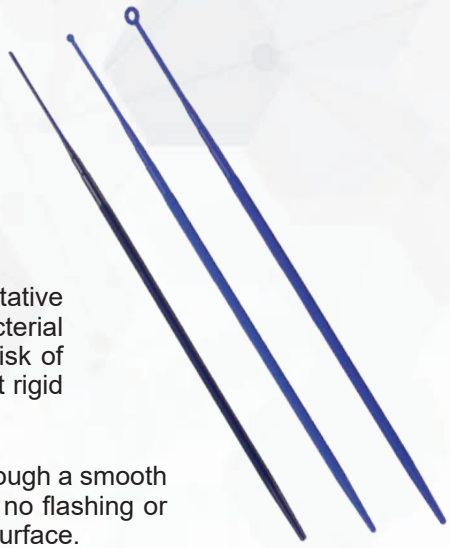
MTC microscope slides have a positive charge that makes the surface ideal for cell, tissue, and general sample adhesion. Typical samples have a negative charge and are therefore attracted to the positively charged slide surface, significantly reducing “float”.

Slides are made of high-clarity glass and have dimensions of 25×75mm at 1.1mm thick (compatible with most printers). Frosted marking surface on one end.

Packaged in a Class 10 cleanroom for ultra-clean, dust-free performance.

CAT. NO.	DESCRIPTION	QTY
M7100-90	Microscope Slides, Positive Charged, 90° Corners, Frosted on One End, 25×75mm	72
M7100-45	Microscope Slides, Positive Charged, 45° Corners, Frosted on One End, 25×75mm	72
M7100-SD	Microscope Slide Dispenser for Box of 72 Standard 25×75mm slides	1

Inoculating Loops



- Sterile and disposable - no flaming
- Hexagonal grip - improves control
- Uniform streaking and inoculating
- Smooth loop surfaces - no gouging

These sterile disposable plastic loops and needles are designed for use in quantitative procedures such as sampling, urine counts, and serial dilutions, as well as for bacterial inoculation. Because they are pre-sterilized and designed for single use, there is no risk of cross-contamination and no need for flaming. They are flexible enough for streaking yet rigid enough for subsurface inoculation.

The unique hexagonal shape of the shaft makes it easier to grip, orientate and guide through a smooth streaking process. The loop surfaces are extremely smooth, with no rough edges and no flashing or burrs on the loop head. This results in the elimination of cutting or gouging of the agar surface.

CAT. NO.	DESCRIPTION	QTY
M4015	Inoculating Loops, 1.0mm Diameter, 1µL, Flexible PP, Sterile, 50 Peels of 20	1000
M4025	Inoculating Loops, 3.0mm Diameter, 10µL, Flexible PP, Sterile, 50 Peels of 20	1000
M4030	Inoculating Needles, Rigid ABS, Sterile, 50 Peels of 20	1000

Disposable Spreaders



- Spreads cultures and liquids evenly
- Pre-sterilized - no flaming required
- Ideas for bacterial CFU counts
- Smooth edges - minimizes gouging

L Shape - The original spreaders are ideal for spreading bacteriological cultures evenly. The shape allows the user to rotate and apply easily throughout an entire round plate or dish. They are made of ABS and have a slight upward curve at the edge to prevent dragging or scraping.

T Shape - This shape ensures that consistently even pressure can be applied across the entire span of the 34mm spreading surface. Designed for spreading and dispersing liquids across the surface of agar culture plates, they are made of ABS and commonly used for CFU plate counts on water, milk, urine, etc.

Triangle Shape - This new design is also used for CFU count applications, but has a grooved handle that improves grip and orientation. Made of polypropylene, they are available with a 30mm span or an extra large 60mm span.

CAT. NO.	DESCRIPTION	QTY
M5420	Spreader, L-Shape, Blue, 38×156mm, Sterile, Individually Wrapped	500
M5421	Spreader, L-Shape, Blue, 38×156mm, Sterile, 10 Peels of 50	500
M5430	Spreader, T-Shape, Blue, 34×140mm, Sterile, Individually Wrapped	500
M5431	Spreader, T-Shape, Blue, 34×140mm, Sterile, 10 Peels of 50	500
M5441	Spreader, Triangle, Yellow, 60×235mm, Sterile, 10 Bags of 10	100
M5451	Spreader, Triangle, Blue, 30×207mm, Sterile, 10 Bags of 10	100

PolyPestle™ Dual-Sided Pestle





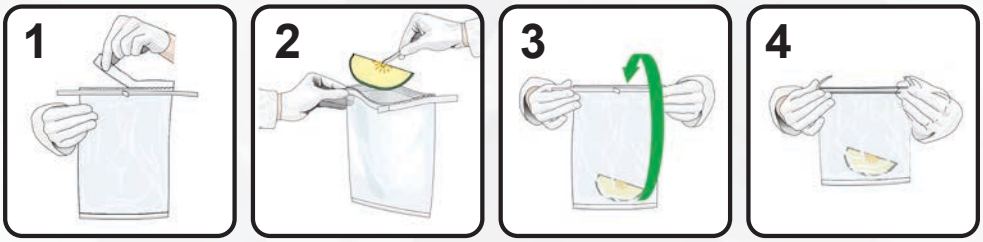
- Double sided for increased usefulness
- Homogenize samples in 1.5mL tubes
- Textured handle for secure grip
- Sterile and individually wrapped

CAT. NO.	DESCRIPTION	QTY
C4010	PolyPestle™ Dual-Sided Pestle, For Cell Strainers and 1.5mL Microtubes, Sterile, Individually Wrapped	500

Flip ‘n Fold™ Sterile Sampling Bag



B5780
27oz Sample Bag



Remove tear strip seal from top | **Insert sample content into bag** | **Flip or fold the bag three times** | **Bend the wires to seal your sample**

Flip ‘n Fold™ bags are made of virgin polyethylene for excellent clarity and strength. The PVC tab that surrounds the stainless steel wire is extended beyond the wire ends to eliminate the potential for punctures, scratched hands, or ripped gloves due to exposure to uncovered wire ends. Bags meet USDA, EPA, and FDA standards and are RNase-free, DNase-free, and non-pyrogenic. They are gamma-sterilized to SAL 10^{-6} and suitable for use from -210°C to +80°C.



Printed marking areas on 4, 18, and 55oz bags

Several sizes are supplied with a printed white marking area that eliminates tapes, labels, etc. and makes markings more long-lasting, clearly visible, and less prone to smearing. Although these bags can contain up to 55oz (1600mL), they fold completely flat and require very little storage space.

CAT. NO.	DESCRIPTION	DIMENSIONS	QTY
B5750	Sterile Bag, (2oz | 59mL)	127×76mm	500
B5760	Sterile Bag, (4oz | 118mL)	178×76mm	500
B5761	Sterile Bag, (4oz | 118mL), w/ marking area	178×76mm	500
B5770	Sterile Bag, (18oz | 532mL)	229×114mm	500
B5771	Sterile Bag, (18oz | 532mL), w/ marking area	229×114mm	500
B5780	Sterile Bag, (27oz | 798mL)	304×114mm	500
B5790	Sterile Bag, (36oz | 1065mL)	381×114mm	500
B5910	Sterile Bag, (55oz | 1627mL)	300×180mm	250
B5911	Sterile Bag, (55oz | 1627mL), w/ marking area	300×180mm	250

Weigh Boats



- **Antistatic and biologically inert**
- **Recessed corners for precise pouring**
- **Smooth surface and rounded corners**
- **White or black for visual contrast**

MTC Bio Weigh Boats are made of antistatic polystyrene and will withstand temperatures up to 90˚C, as well as exposure to diluted acids, alcohols, bases, and aqueous solutions. Their flexibility and smooth interior surfaces with rounded corners allow for easy decanting of powdered samples. Their flat bottoms ensure stability and prevent tipping.



WeighBucket™ Weigh Boat

They are available in black or white for improved sample contrast and visibility and are packaged in ultra-compact dispenser packs.

Black	White	DESCRIPTION	QTY
B6001B	B6001W	20mL, 45×45×9mm, Square	500
B6002B	B6002W	100mL, 80×80×24mm, Square	500
B6003B	B6003W	250mL, 140×140×25mm, Square	500
B6501B	B6501W	5mL, 35×55×6mm, Diamond	500
B6502B	B6502W	30mL, 65×85×14mm, Diamond	500
B6503B	B6503W	100mL, 100×125×18mm, Diamond	500
	B6602-W	WeighBucket™ w/ Handle 40mL, 33×53mm	500

LinkLabel™ Bluetooth® Label Printer

WATCH THE VIDEO!

- Compatible with Bluetooth® devices
- Free app for limitless customization
- Built in cutter - no need for scissors
- Hundreds of pre-programmed scientific characters





MTC's LinkLabel™ Lab Printer brings laboratory labeling to a new level!

Download the free LabelPro™ app and start printing labels with custom text, font, positioning, size, and label length. Additionally, print batches, serial numbers, QR codes, and a variety of bar codes. Frequently used labels can be stored in memory for easy reprinting.

MTC Bio LabelPro

Download the app today!

CAT. NO.	DESCRIPTION	QTY
L3000	LinkLabel™ Bluetooth Enabled Laboratory Printer, w/ Universal Power Supply, One White Label Cartridge Included	1

LABeler™ Handheld Label Printer



- Lightweight for one-handed operation
- Built in cutter - no need for scissors
- Prints a variety of 2D barcodes

The LABeler™ Lab Printer provides the convenience of a lab pen with the benefits of a large desktop printer. Simply type in the desired copy using the 50+ button keypad and press the print key. Within seconds, your label can be cut by pressing the cut lever and is immediately available for application.

Black Print on White or Clear Labels: 6, 12, 24mm



18mm Available on White Label

Ultra-Low Temp Labels for Liquid Nitrogen Applications



L9010-24ULT)

CAT. NO.	DESCRIPTION	QTY
L9010	LABeler™ Handheld Laboratory Printer, w/ Power Supply	1
L9010-PS	Power Supply for Labeler™ Lab Printer	1

Refill Cassettes for MTC Label Printers

Label cassettes are compatible with both LinkLabel™ and LABeler™ printers



Standard label tapes can be autoclaved, boiled, or even frozen to temperatures as low as -50°C. Special "ultra-low" label tapes are also available for storage in -80°C environments or for liquid nitrogen applications.

CAT. NO.	DESCRIPTION	QTY
L9010-6WK	26' of 6mm Lab Tape, White w/ Black Print	1
L9010-12WK	26' of 12mm Lab Tape, White w/ Black Print	1
L9010-18WK	26' of 18mm Lab Tape, White w/ Black Print	1
L9010-24WK	26' of 24mm Lab Tape, White w/ Black Print	1
L9010-6CK	26' of 6mm Lab Tape, Clear w/ Black Print	1
L9010-12CK	26' of 12mm Lab Tape, Clear w/ Black Print	1
L9010-24CK	26' of 24mm Lab Tape, Clear w/ Black Print	1
L9010-12ULT	20' of 12mm Lab Tape, White w/ Black Print, Ultra-Low Temp	1
L9010-24ULT	20' of 24mm Lab Tape, White w/ Black Print, Ultra-Low Temp	1
L9010-12BW	26' of 6mm Lab Tape, Blue w/ White Print	1
L9010-12RW	26' of 6mm Lab Tape, Red w/ White Print	1
L9010-12GW	26' of 6mm Lab Tape, Green w/ White Print	1
L9010-12YK	26' of 6mm Lab Tape, Yellow w/ Black Print	1

About MTC Bio...

We want to thank our loyal customers for their support and patronage and welcome those who may be seeing our catalog for the first time. We recognize the vital nature of your research and realize the significance of our supporting role as a “supplier to science.” Thank you for allowing MTC Bio the opportunity to be of service to the life science community!

Since our formation in 2009, MTC Bio has been providing life science laboratories with cost-effective products and technical solutions designed to improve laboratory efficiency, safety, and results.

MTC Bio’s emphasis on quality, value, and customer satisfaction have become the driving principles of our company and the standards that our customers come to expect. We have expanded the MTC product line, our production facilities, and personnel to better service increasing demand and continued growth.

Beyond our traditional liquid handling items, this catalog offers a series of new products, including:

- **ClearSeal™ Microtubes**
- **5mL MacroTube™ Vivid™**
- **Hinged-Cap Centrifuge Tubes**
- **ProSeries™ Performance Centrifuge Tubes**
- **TotalPure™ Metal-Free Centrifuge Tubes**
- **OptiWell™ Automation Supplies**
- **SureFrame™ Two-Component PCR Plates**
- **Erlenmeyer Shaker Flasks**
- **BenchBin™ Benchtop Biohazard Bin**
- **Serological Pipettes**
- **IceRack™ Crushed Ice Tube Racks**
- **Halo™ Single Channel Pipettors**
- **Cryogenic Vials**
- **Plus many additions to existing series!**

To keep pace with emerging trends, we rely heavily on suggestions and feedback from researchers and our distribution partners. By listening to our customers, we have been able to develop many new products and enhancements. We, and our knowledgeable distribution network,welcome your questions and comments.

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