



Design for you

Lab Automation

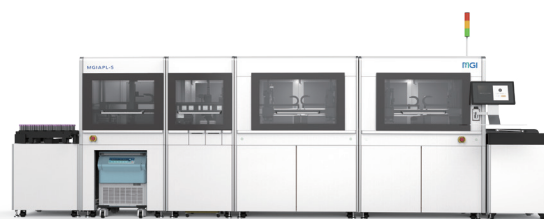
Automated Sample Preparation System
Consumables Ordering Guide



MGISTP-3000



MGISTP-7000



MGIGLab-S

Sample Transfer Processing



MGISP-NE32



MGISP-NE384



MGISP-960

Nucleic Acid Extraction



MGISP-100



MGISP-960

Sample Preparation



1.3ml 96 Well U-bottom Deepwell Plate

Item NO.

1000004644

Description

Size 96 wells, size 1.3 mL. High flatness and good consistency of external dimension, conducive to the grab of automatic instrument mechanical arm, and applicable to various research fields such as cell biology and molecular research analysis.

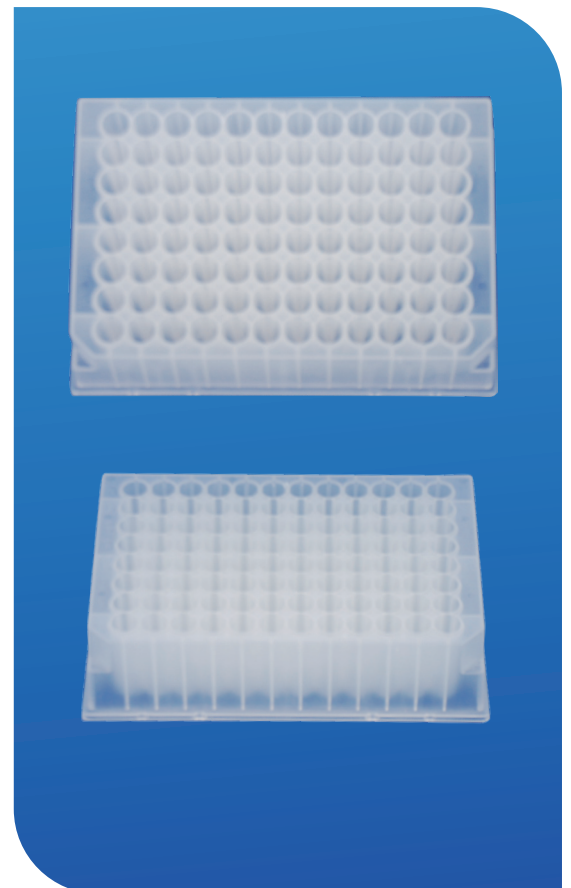
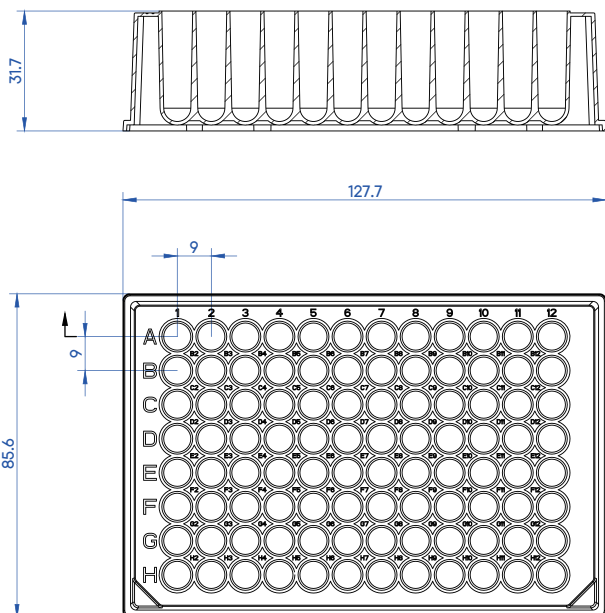
Compatible Platform

MGISP-100/MGISP-960

MGISTP-3000/MGISTP-7000

Parameters

Standardization	Compliance with SBS standards
Material	Polypropylene
Working volume	≤ 1 mL
Total well capacity	1.3 mL
Purity standard	DNase, RNase, Protease& Pyrogen Free, Sterile
Colour	Clear
Specification	2 plates/bag
Ordering units	Bag





2.2 mL 96-well V Bottom Deep Well Plate

Item NO.

1000008088

Description

Size 96 wells, size 2.2 mL. High flatness and good consistency of external dimension, conducive to the grab of automatic instrument mechanical arm, and applicable to various research fields such as cell biology and molecular research analysis.

Parameters

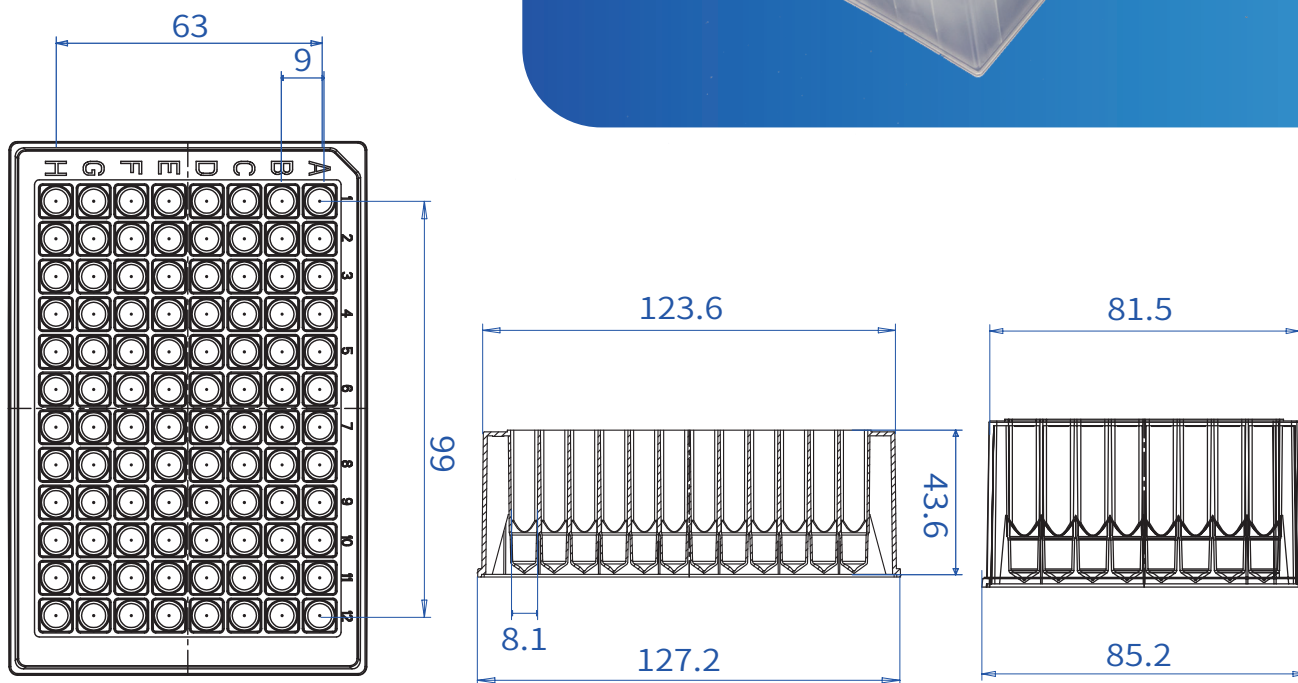
Standardization	Compliance with SBS standards
Material	Polypropylene
Total well capacity	2.2mL
Purity standard	DNase, RNase, Protease& Pyrogen Free, Sterile
Colour	Clear
Specification	60 plates/case
Ordering units	Case

Compatible Platform

MGISP-960

MGISP-NE384

MGISTP-7000





0.2 mL 96 Well Half-skirt PCR Plate

Item NO.

1000000671

Description

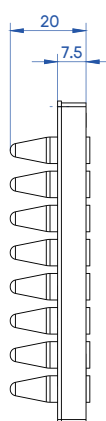
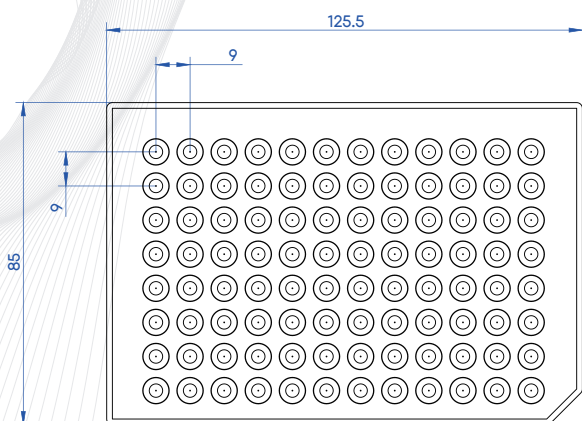
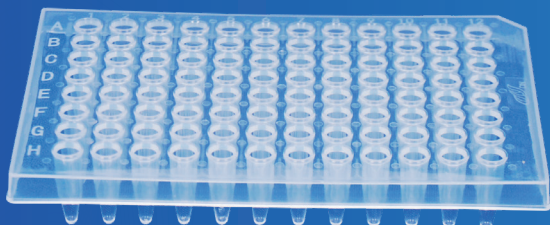
The 96 Well Half-skirt PCR Plate and the ultra-thin wall technology provide excellent thermal conduction effect to maximize the amplification of the sample. The convex edge design of the tapered tube effectively guarantees the sealing and prevents cross contamination. Not suitable for MGISP built-in automatic PCR instrument.

Compatible Platform

MGISP-100/MGISP-960

Parameters

Standardization	Compliance with SBS standards
Material	Polypropylene
Compatible Adaptor	Adaptor for Half-Skirt PCR Plate (Item No. 010-901739-00)
Working volume	≤200 μL
Total well capacity	200 μL
Purity standard	DNase, RNase, Protease& Pyrogen Free, Sterile
Colour	Clear
Specification	10 plates/box, 20 boxes/case
Ordering units	Case





Hard-shell Thin-wall 96-well Skirted PCR Plates, White Shell/Clear Well

Item NO.

1000012059

Description

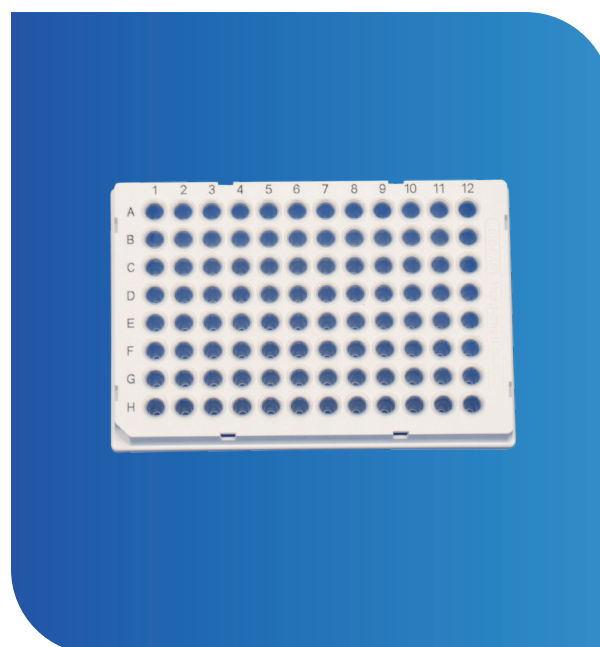
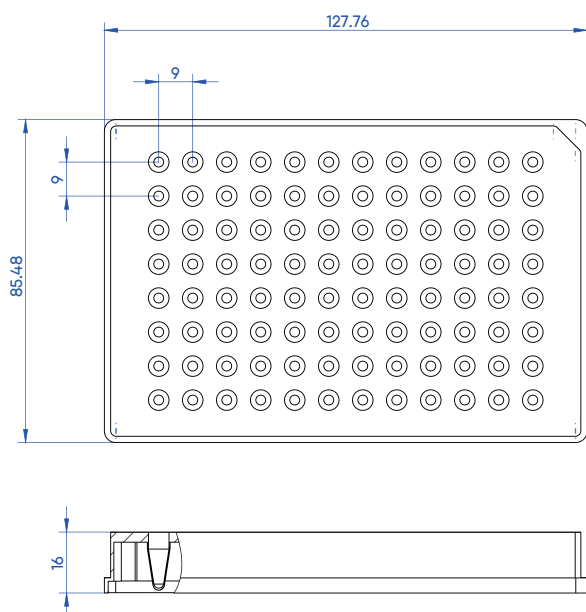
Use these Hard-Shell Plates for reliable performance in all PCR and real-time PCR applications. The patented two-component design is specifically engineered to withstand the stresses of thermal cycling. Black alpha-numeric labeling for easy well identification and composition helps prevent DNA binding.

Compatible Platform

MGISP-100/MGISP-960

Parameters

Standardization	ANSI-SBS standards 1-2004 and 4-2004
Material	Polypropylene resin
Working volume	$\leq 160 \mu\text{L}$
Total well capacity	200μ
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Colour	Clear well, white shell
Specification	10 plates/bag
Ordering units	Bag





250 μ L Automated Filter Tips

Item NO.

1000000723

Description

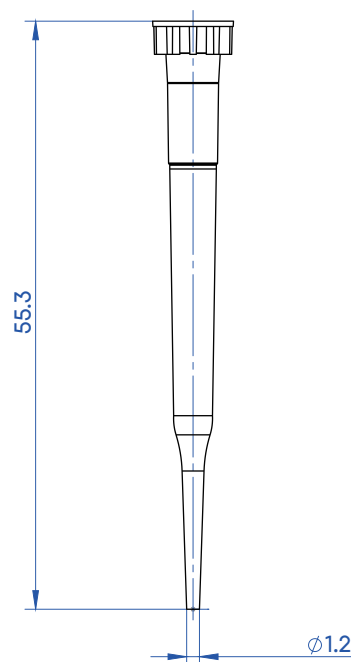
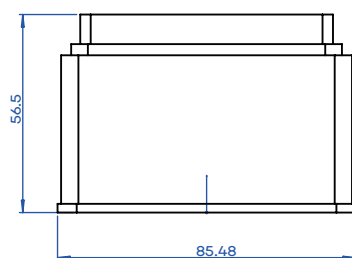
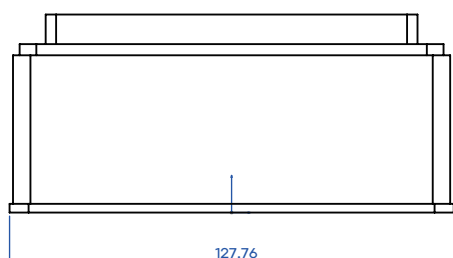
The suction head of the filter can prevent the sample liquid from accidentally flowing into the pipette and reduce the possibility of cross contamination during the experiment.

Compatible Platform

MGISP-100/MGISP-960

Parameters

Working volume	$\leq 180 \mu\text{L}$
Total well capacity	250 μL
Material of tips	Polypropylene
Filter material	Polyethylene
Colour of tips	Clear
Colour of filter	White
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Specification	96 tips/box, 10 boxes/bag
Ordering units	Bag





70 μ L Automated Filter Tips

Item NO.

091-000152-00

Description

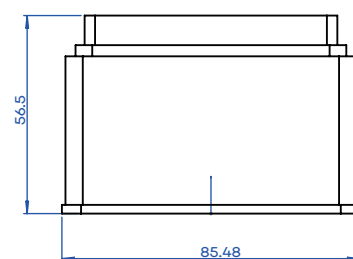
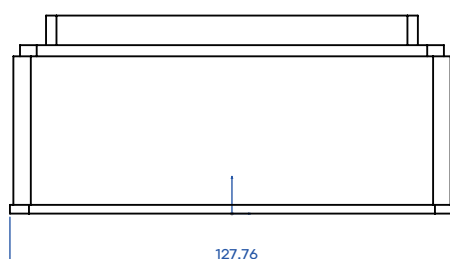
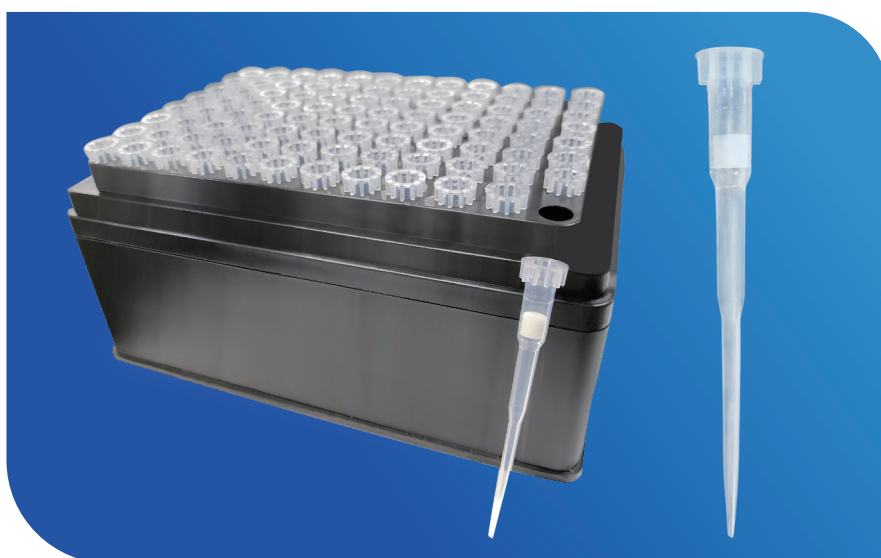
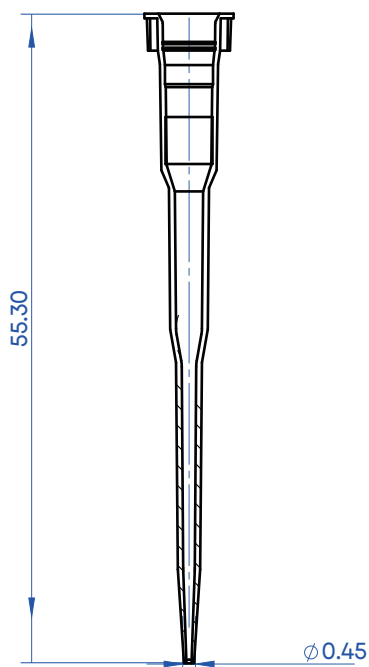
The suction head of the filter can prevent the sample liquid from accidentally flowing into the pipette and reduce the possibility of cross contamination during the experiment.

Compatible Platform

MGISP-960

Parameters

Working volume	$\leq 70 \mu\text{L}$
Material of tips	Polypropylene
Filter material	Polyethylene
Colour of tips	Clear
Colour of filter	White
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Specification	96 tips/box, 10 boxes/bag
Ordering units	Bag





Microseal 'P' Replacement Pads

Item NO.

1000001526

Description

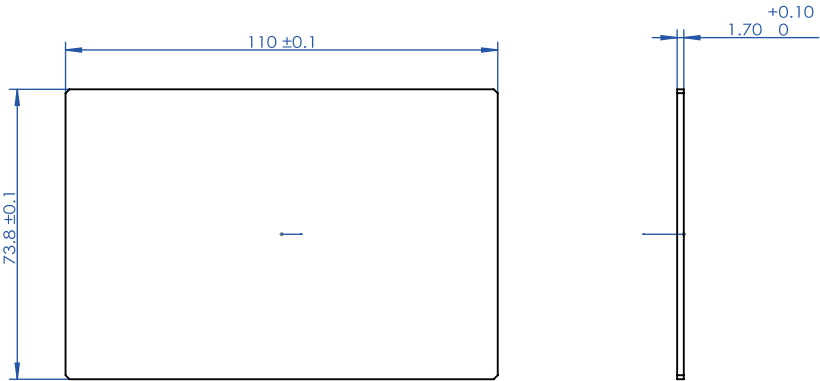
Reusable automated PCR plate seals designed specifically for use on integrated platforms, designed specifically for use with automated PCR instruments integrated within the platform.

Parameters

Purity standard	Certified RNase-/DNase-free
Colour	White
Number of uses	20 times, and before each use, wipe with ethanol or ddH ₂ O
Specification	10 pads/bag
Ordering units	Bag

Compatible Platform

MGISP-100/MGISP-960





Break-away 8 Strips PCR Tubes and Caps

Item NO.

100-000016-00

Description

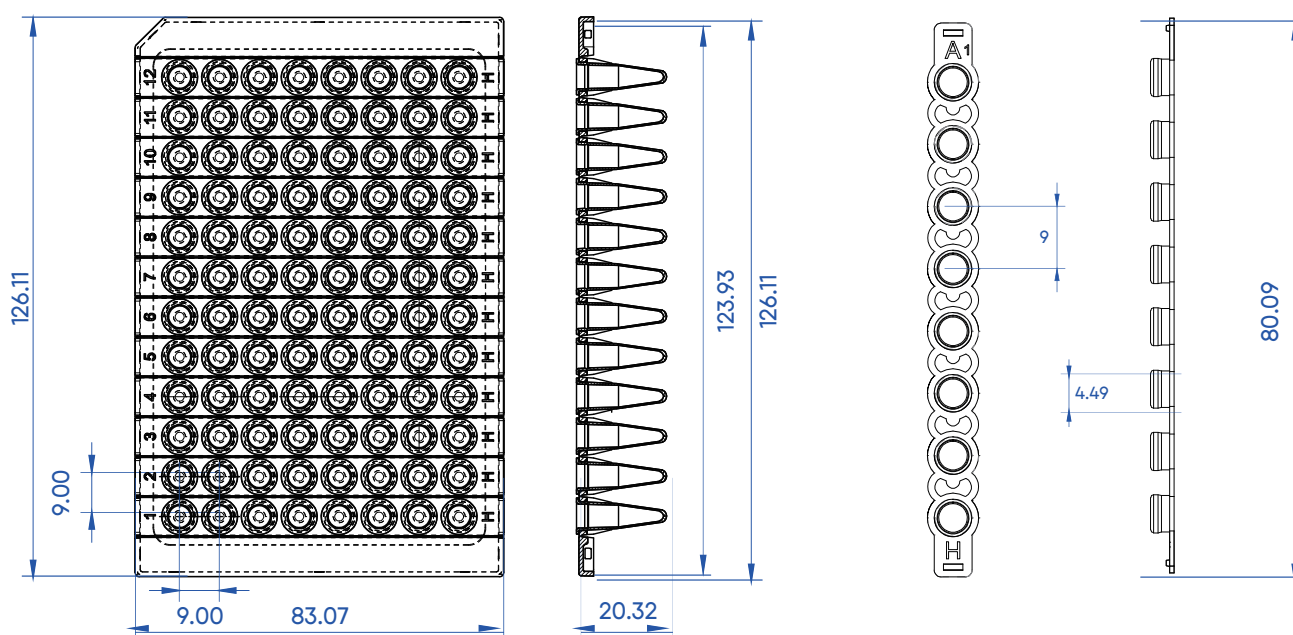
Standard 96-wells design, vertically scored, snaps easily into strips of 8 tubes or part plates. The hole wall is uniform and provides maximum uniform thermal conductivity. Dual-material design, the rugged plate is more suitable for heat sealing film. It can be used in combined with Strips of 8 Caps.

Compatible Platform

MGISP-100/MGISP-100B

Parameters

Material (Tube&Cap)	Tube Wells: Polypropylene Tube Frame: Polycarbonate Cap: Polypropylene
Working volume(Tube)	≤200 μ L
Maximum total well capacity(Tube)	300 μ L
Purity standard (Tube&Cap)	DNA, DNase, RNase, Protease&Pyrogen Free, Sterile
Colour (Tube&Cap)	Tube: Clear wells, blue frame Cap: Clear
Specification (Tube&Cap)	Tube: 10 plates/box Cap: 120 strips/box
Ordering units	Box





SC micro tube, PCR-PT

Item NO.

Total well capacity	Working Volume	Item NO.
0.5 mL	≤ 0.5 mL	1000001558
2 mL	≤ 1.7 mL	1000001553

Description

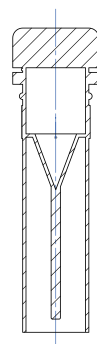
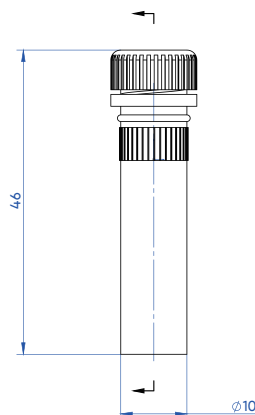
Screw Cap Micro Tube, can be autoclaved, the sealing meets ADR & IATA standard; Stable base design, even without a base, can stand firmly on the laboratory bench; Special knurling design, after being stuck into the special base, it can be tightened with one hand.

Parameters

Product material	Polypropylene
Cap material	Polypropylene
O-ring material	Ethylene propylene diene rubber
Colour of label	White, easy labeling
Colour of product	Clear
Colour of cap	Natural
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Specification	100 tubes/bag
Ordering units	Bag

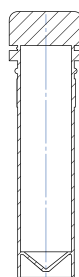
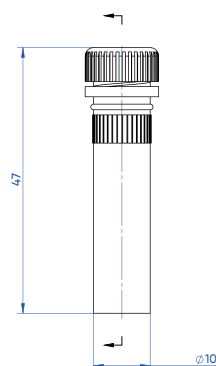
Compatible Platform

MGISP-100



0.5 mL SC Micro Tube, PCR-PT

Item NO.: 1000001558



2 mL SC Micro Tube, PCR-PT

Item NO.: 1000001553





96-well 0.65mL Polypropylene Cluster Tubes,

Individual Tube Format

Item NO.

1000019068

Description

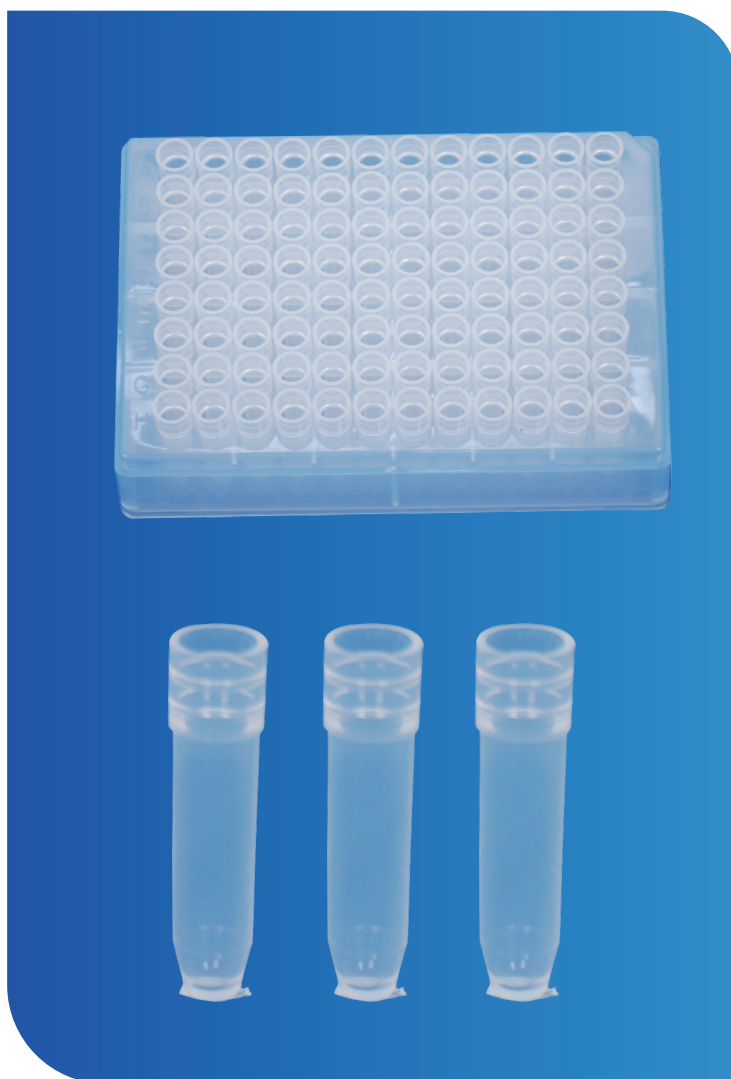
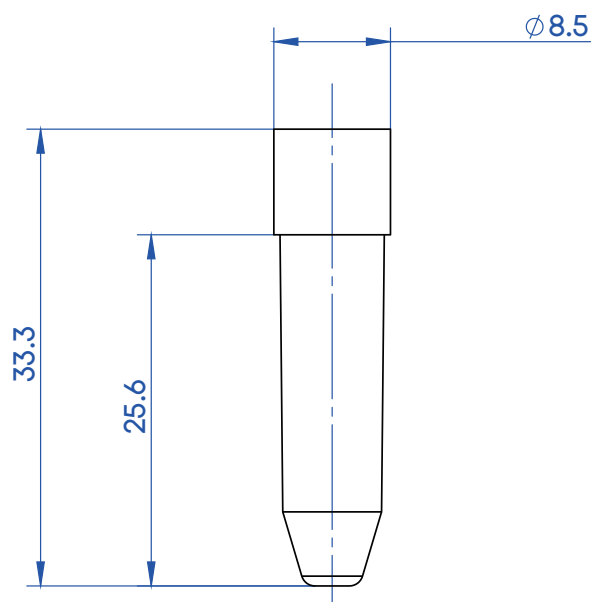
Cluster tubes are composed of 0.65 mL 96 individual polypropylene tubes in a 96 well microplate rack with lid, compatible with the Temp. Control module of the MGISP-100 Automated Sample Preparation System.

Parameters

Material	Polypropylene
Total well capacity	650 μ L
Purity standard	Non-sterile, can be autoclaved
Colour of box	Blue
Colour of tube	Clear
Specification	96 tubes/box, 10 boxes/bag
Ordering units	Bag

Compatible Platform

MGISP-100





96-well Tip Combi

Item NO.

1000025661

Description

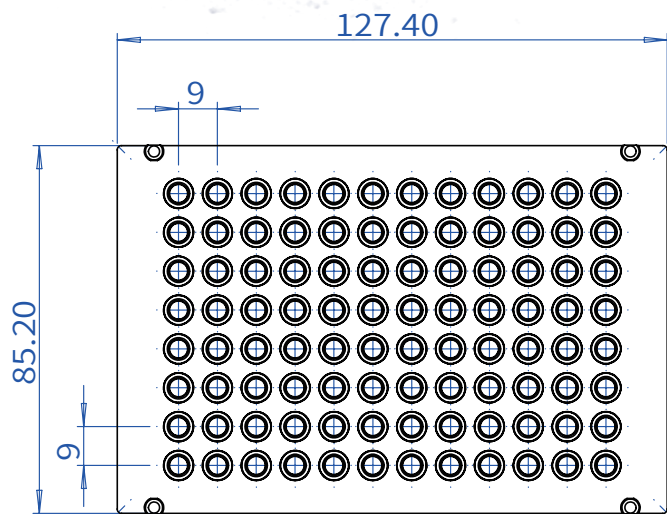
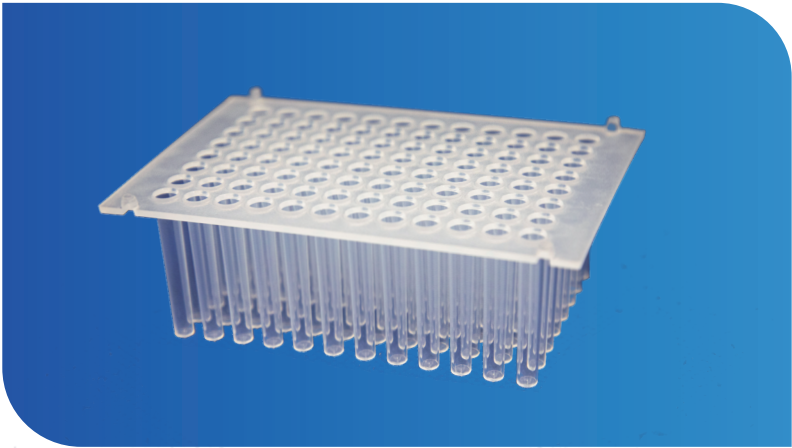
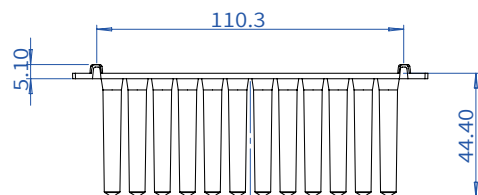
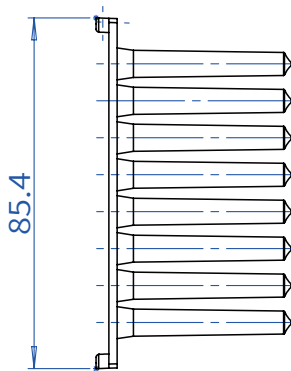
Made of high purity polypropylene, high chemical stability, high temperature sterilization, suitable for multi-pipette and automation equipment, the application scenario is the magnetic bead method for nucleic acid extraction.

Parameters

Standardization	Compliance with SBS standards
Material	Polypropylene
Layout	12X8
Purity standard	DNase, RNase, Protease& Pyrogen Free, Sterile
Colour	Clear
Specification	10 pieces/bag
Ordering units	Bag

Compatible Platform

MGISP-NE384





1000 μ L black conductive tips, sterile, filtered (5-pack)

Item NO.

1000025011

Description

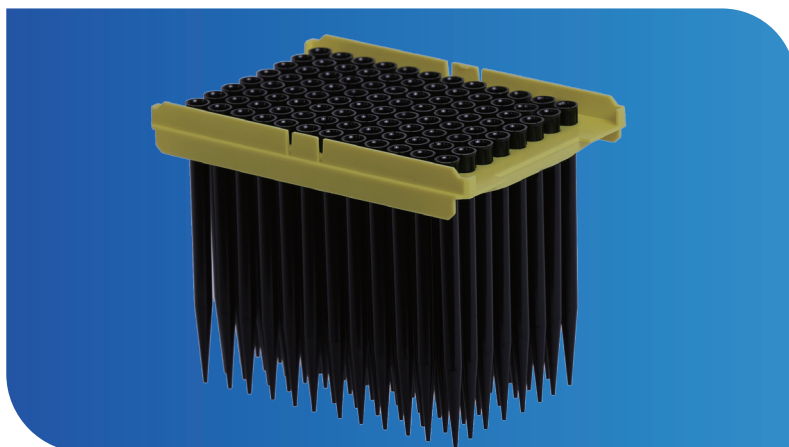
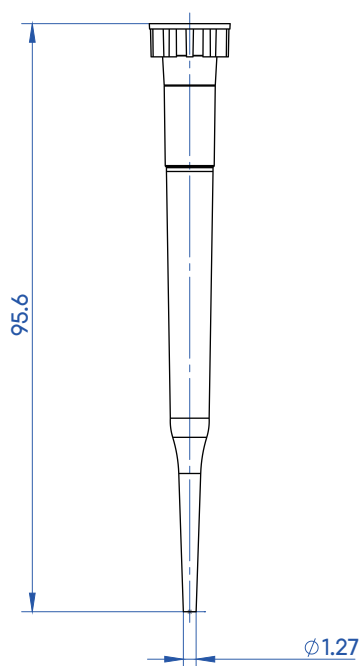
Reliable automated tips are the key to ensuring efficient and stable operation of the equipment. The use of MGI automated tips ensures that the equipment has the best pipetting performance. The original MGISTP-7000 tip is made of high-quality conductive resin, sterile, with a filter element. It can ensure that the system realizes reliable liquid level detection, prevents aerosol pollution, and guarantees the best experimental results.

Parameters

System certification	ISO 9001/13485, ISO 14001 and CE, etc
Material	Natural polypropylene
Total well capacity	1000 μ L
Purity standard	DNase, RNase, Protease& Pyrogen Free, Sterile
Colour	Black
Specification	96*5/pack, 8 packs/case
Ordering units	Case

Compatible Platform

MGISTP-3000/MGISTP-7000





1000 μ L black conductive tips, sterile, filtered (wide-bore)

Item NO.

091-000020-00

Description

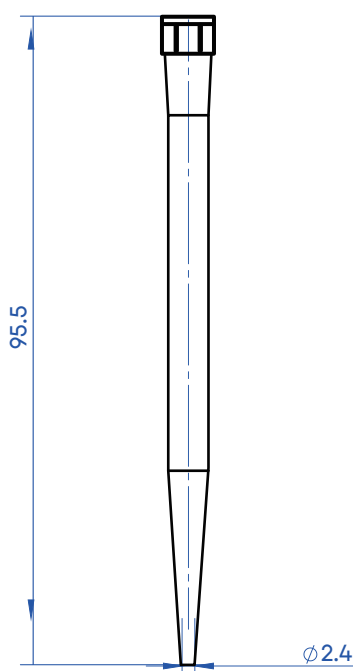
The black conductive tips are made of the natural polypropylene, sterile, with a filter element. It can ensure that the system realizes reliable liquid level detection, prevents aerosol pollution, and guarantees the best experimental results. At the same time, wide-bore tips can be used to pipette the viscous solution.

Parameters

Material	Natural Polypropylene
Total well capacity	1000 μ L
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Colour	Black
Specification	96/rack, 16 racks/case
Ordering units	Case

Compatible Platform

MGISTP-3000/ MGISTP-7000





1000 μ L transparent Tips, Sterile, Filtered

Item NO.

1000023970

Description

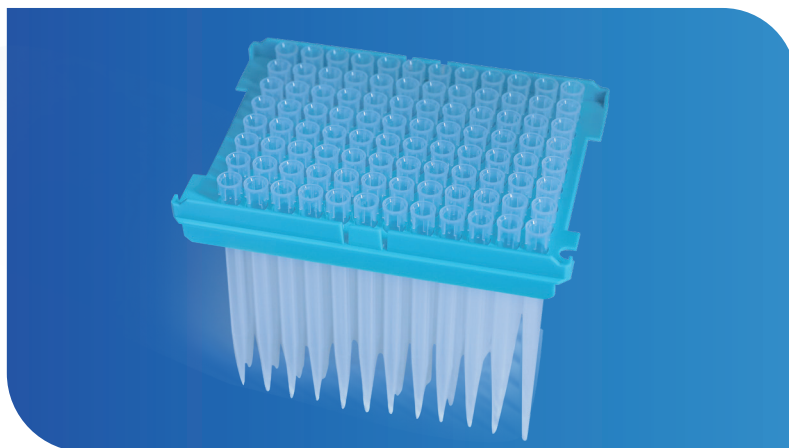
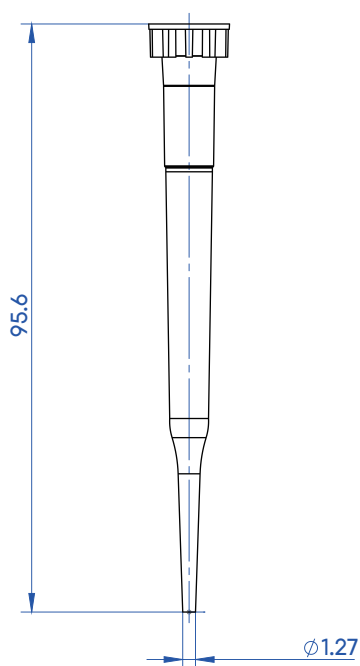
The 1000 μ L transparent tips are made of high-quality resin, sterile, with a filter element. It can prevent aerosol pollution and guarantee the best experimental results. The reliable tips are the key to ensure efficient and stable operation of the MGISTP-7000/3000.

Parameters

Material	Polypropylene
Total well capacity	1000 μ L
Purity standard	Protease Free, Sterile
Colour	Transparent
Specification	96/rack, 16 racks/case
Ordering units	Case

Compatible Platform

MGISTP-3000/MGISTP-7000





MGISTP-7000 / MGISTP-3000 Sample Rack

Our sample racks are made of stainless steel, with elastic bracket inside of each hole, 4X8 format. The MGISTP-7000 / MGISTP-3000 is compatible with most 5–10mL threaded cap sample tubes through the selection of different sample holders. The elastic stent can ensure that it is compatible with sampling tubes of different diameters, which can be used for vertical (flat bottom) virus sampling tubes, U-shaped bottom threaded tube blood collection tubes, V-shaped bottom centrifuge tubes, etc. Please choose the right sample racks according to size of your sample tubes.

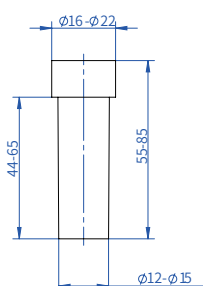
Product Description	Item NO.	Compatible Range				
		Height with cap mm	Height without cap mm	Diameter of cap mm	Diameter of tube mm	Tube type
Sample rack A	510-001234-00	55-85	44-65	16-22	12-15	Flat bottom
Sample rack B	510-001236-00	70-105	65-97	16-22	12-15	Flat bottom
Sample rack C	510-001235-00	95-121	82-108.5	16-22	13-16	Conical bottom*
Sample rack D	510-001347-00	75-108	64-92	16-22	11-12	U bottom
Sample rack E	510-001453-00	70-105	65-97	16-22	14-16	Flat bottom
Sample rack F	510-001452-00	55-85	44-65	16-22	14-16	Flat bottom
Sample rack G	510-002010-00	92-105	76-95	23-30.5	23-24.5	Flat bottom
		92-105	76-95	23-30.5	19-20.5	Flat bottom

* Note: When using V-bottom centrifugal tube, in addition to choosing C-type sample rack, special fixing module is also needed.

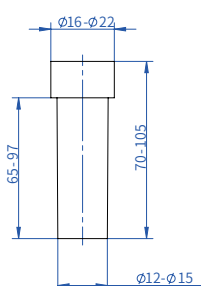
The MGISTP-7000/MGISTP-3000 sample rack comes with the instrument.



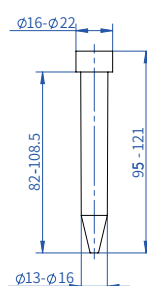
Adapter tube dimensional drawing



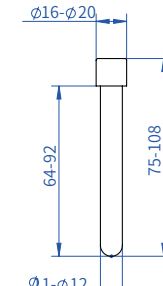
Sample Rack A Compatible Range



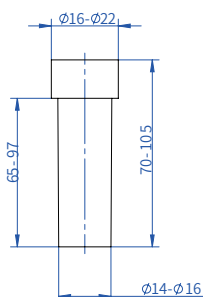
Sample Rack B Compatible Range



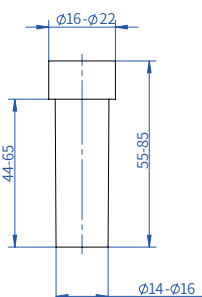
Sample Rack C Compatible Range



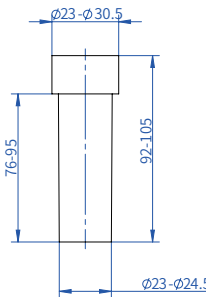
Sample Rack D Compatible Range



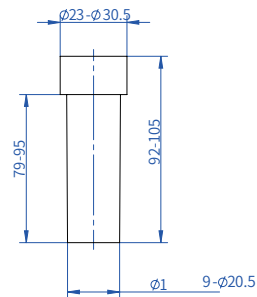
Sample Rack E Compatible Range



Sample Rack F Compatible Range



Sample Rack G Compatible Range



Sample Rack G Compatible Range

Ordering Information

Product Name	Specification	Units	Item NO.
1.3ml 96 Well U-bottom Deepwell Plate	2 plates/bag	bag	1000004644
2.2 mL 96 Well V-bottom Deepwell Plate	60 plates/case	case	1000008088
0.2 mL 96 Well Half-skirt PCR Plate	10 plates/box, 20 boxes/case	case	1000000671
Hard-shell Thin-wall 96-well Skirted PCR Plates, White Shell/Clear Well	10 plates/bag	bag	1000012059
250 μ L Automated Filter Tips	96 tips/box, 10 boxes/bag	bag	1000000723
70 μ L Automated Filter Tips	96 tips/box, 10 boxes/bag	bag	091-000152-00
Microseal 'P' Replacement Pads	10 pads/bag	bag	1000001526
Break-away 8 Strips PCR Tubes and Caps	10 plates/box (Tube), 120 strips/box (Cap)	box	100-000016-00
2 mL SC Micro Tube, PCR-PT	100 tubes/bag	bag	1000001553
0.5 mL SC Micro Tube, PCR-PT	100 tubes/bag	bag	1000001558
96-well 0.65 mL Polypropylene Cluster Tubes, Individual Tube Format	10 boxes/bag	bag	1000019068
96-well Tip Combi	10 pieces/bag	bag	1000025661
1000 μ L black conductive tips, sterile, filtered (5-pack)	96*5/pack, 8 packs/case	case	1000025011
1000 μ L black conductive tips, sterile, filtered (wide-bore)	96 tips/rack, 16 racks/case	case	091-000020-00
1000 μ L transparent tips, sterile, filtered	96 tips/rack, 16 racks/case	case	1000023970

CONTACT US

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200 μ l Black Conductive Filter Tips, rack

Item NO.

091-000156-00

Description

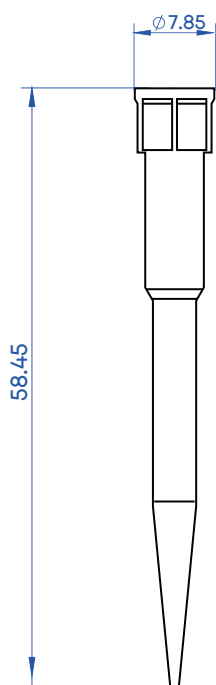
The black conductive tips are made of polypropylene, sterile, with a filter element. It can ensure that the system realizes reliable liquid level detection, prevents aerosol pollution, and guarantees the best experimental results.

Parameters

Material	Polypropylene
Total well capacity	200 μ L
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Colour	Black
Specification	96 tips/rack, 24 racks/case
Ordering units	Case

Compatible Platform

MGISP-Smart 8





200 μ L Transparent Filter Tips, rack

Item NO.

091-000158-00

Description

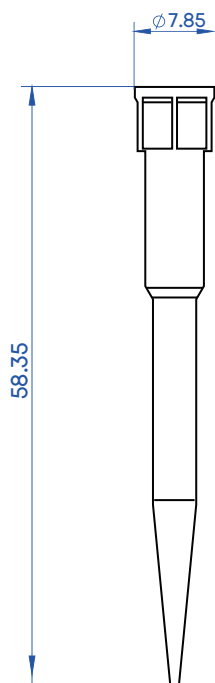
The 200 μ L transparent tips are made of polypropylene, sterile, with a filter element. It can prevent aerosol pollution and guarantee the best experimental results.

Parameters

Material	Polypropylene
Total well capacity	200 μ L
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Colour	Transparent
Specification	96 tips/rack, 24 racks/case
Ordering units	Case

Compatible Platform

MGISP-Smart 8





50 μ L Black Conductive Filter Tips, rack

Item NO.

091-000159-00

Description

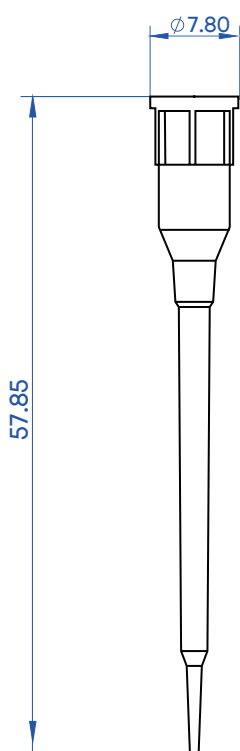
The black conductive tips are made of polypropylene, sterile, with a filter element. It can ensure that the system realizes reliable liquid level detection, prevents aerosol pollution, and guarantees the best experimental results.

Parameters

Material	Polypropylene
Total well capacity	50 μ L
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Colour	Black
Specification	96 tips/rack, 24 racks/case
Ordering units	Case

Compatible Platform

MGISP-Smart 8





50 μ l Transparent Filter Tips, rack

Item NO.

091-000157-00

Description

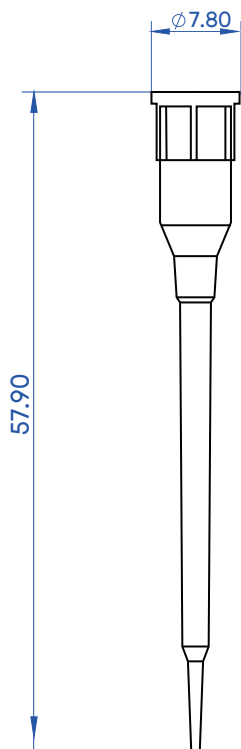
The 50 μ L transparent tips are made of polypropylene, sterile, with a filter element. It can prevent aerosol pollution and guarantee the best experimental results.

Parameters

Material	Polypropylene
Total well capacity	50 μ L
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Colour	Transparent
Specification	96 tips/rack, 24 racks/case
Ordering units	Case

Compatible Platform

MGISP-Smart 8





0.2 mL 96-well Skirted PCR Plate

Item NO.

091-000165-00

Description

Use these Hard-Shell Plates for reliable performance in all PCR and real-time PCR applications. The patented two-component design is specifically engineered to withstand the stresses of thermal cycling. Black alpha-numeric labeling for easy well identification.

Parameters

Standardization	ANSI-SBS standards
Material	Polypropylene resin
Working volume	≤200 μL
Purity standard	DNase, RNase, Protease & Pyrogen Free, Sterile
Colour	Clear well, white shell
Specification	10 plates/box
Ordering units	Box

Compatible Platform

MGISP-100/MGISP-960

