Design for you

MGISP SERIRS

Automated Sample Preparation System Consumables Ordering Guide

Comprehensive functions
- Integrated the necessary function modules, including PCR machine, magnetic rack, temp. modules and so on.

Economic and efficient
- Truly walk−away system, processes samples in batches, greatly reduce manpower input.

Comprehensive protection
- Integrated UV lamp and laminar flow hood, comprehensive pollution prevention design.

Open platform
- Support customized development according to different needs.

MGISP−100
Automated Sample Preparation System

MGISP−960
High−throughput Automated Sample Preparation System

0.2 mL 96 Well Half-skirt PCR Plate

Item NO.
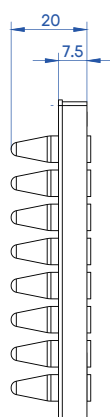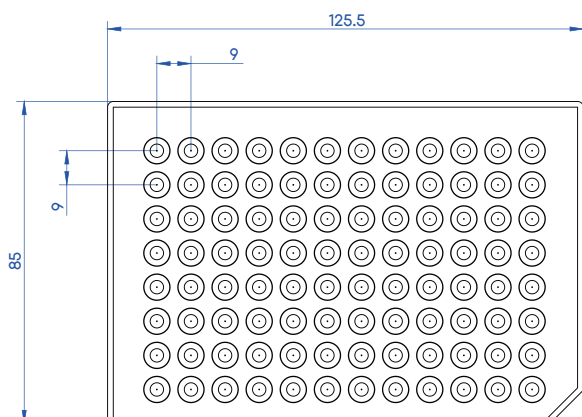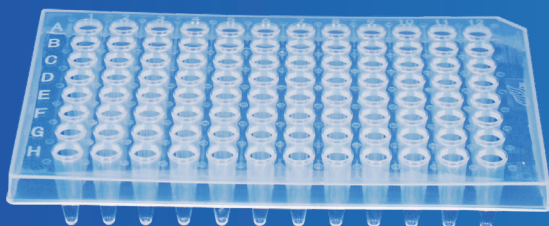
1000000671

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	Certified RNase-/DNase-free, DNA/RNA-free, non-pyrogenic
Colour	Clear
Specification	200 plates per case
Ordering units	Case

250 μL Automated Filter Tips

Item NO.
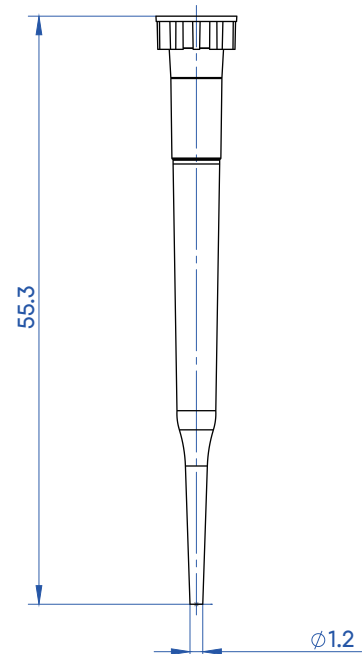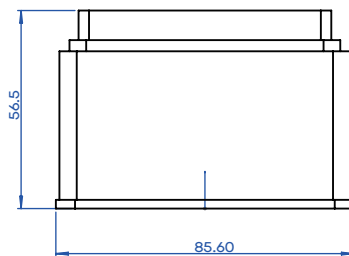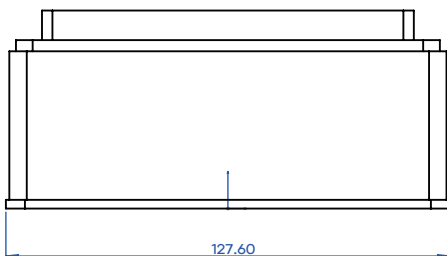
1000000723

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	<180 μL
Total well capacity	250 μL
Material of tips	Polypropylene
Filter material	Polyethylene
Colour of tips	Clear
Colour of filter	White
Purity standard	Certified RNase−/DNase−free, non−pyrogenic
Specification	96 tips per rack,10 racks per case
Ordering units	Case

Microseal 'P' Replacement Pads

Item NO.
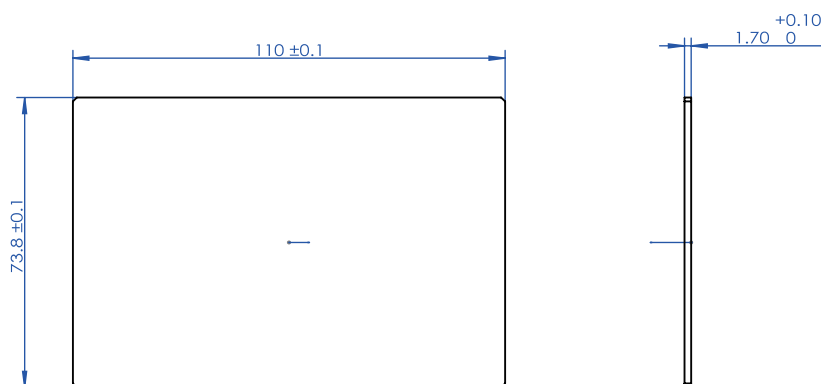
1000001526

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_2O
Specification	10 pads per bag
Ordering units	Bag

Compatible Platform

MGISP-100/MGISP-960

110 ±0.1

73.8 ±0.1

1.70 $^{+0.10}_{0}$

SC micro tube, PCR-PT

Item NO.

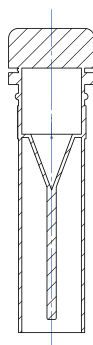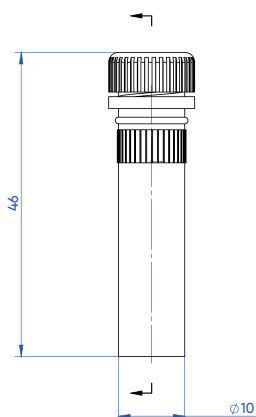| Total well capacity	Working Volume	Item NO.
0.5 mL	≤0.5 mL	1000001558
2 mL	≤1.7 mL	1000001553

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.
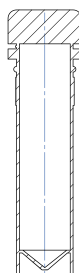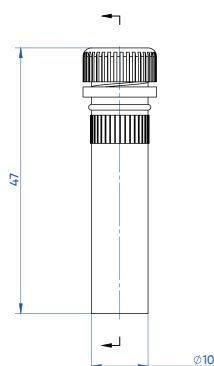
Compatible Platform

MGISP-100

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	Certified RNase-/DNase-free, DNA/RNA-free, non-PCR inhibitor
Specification	100 tubes per bag
Ordering units	Bag

46

∅10

0.5 mL SC Micro Tube, PCR-PT

Item NO.: **1000001558**

47

∅10

2 mL SC Micro Tube, PCR-PT

Item NO.: **1000001553**

Strips of 8 Flat Optical Caps
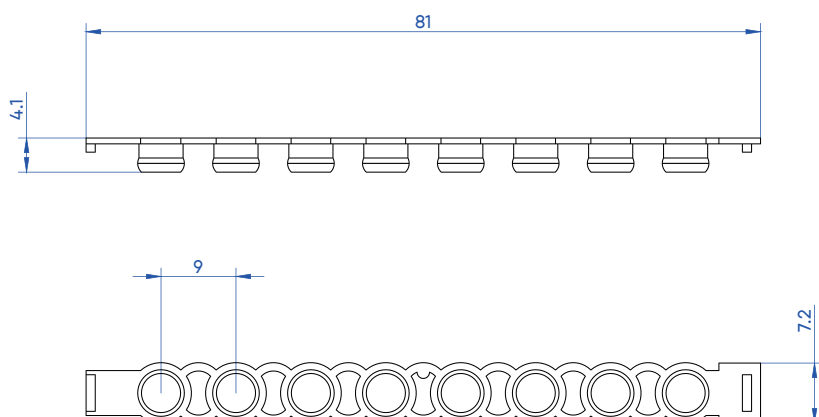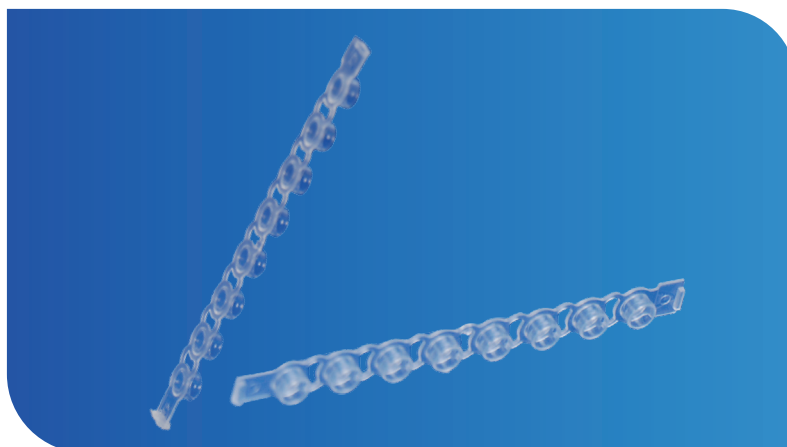
Item NO.

1000002039

Description

Clear polypropylene sealing caps, available as strips of 8 caps, are only used in counjuction with Break-away 96-well, Clear Tubes, Purple Frame (1000004341). Flat caps are optically clear for fluorescence detection (e.g. qPCR).

Parameters

Standardization	Compliance with SBS standards
Material	Polypropylene
Purity standard	Free from DNase, RNase and human genomic DNA; non-endotoxin/pyrogen
Colour	Clear
Specification	12 strips per bag
Ordering units	Bag

Compatible Platform

MGISP-100

Break-away 96-well, Clear Tubes, Purple Frame

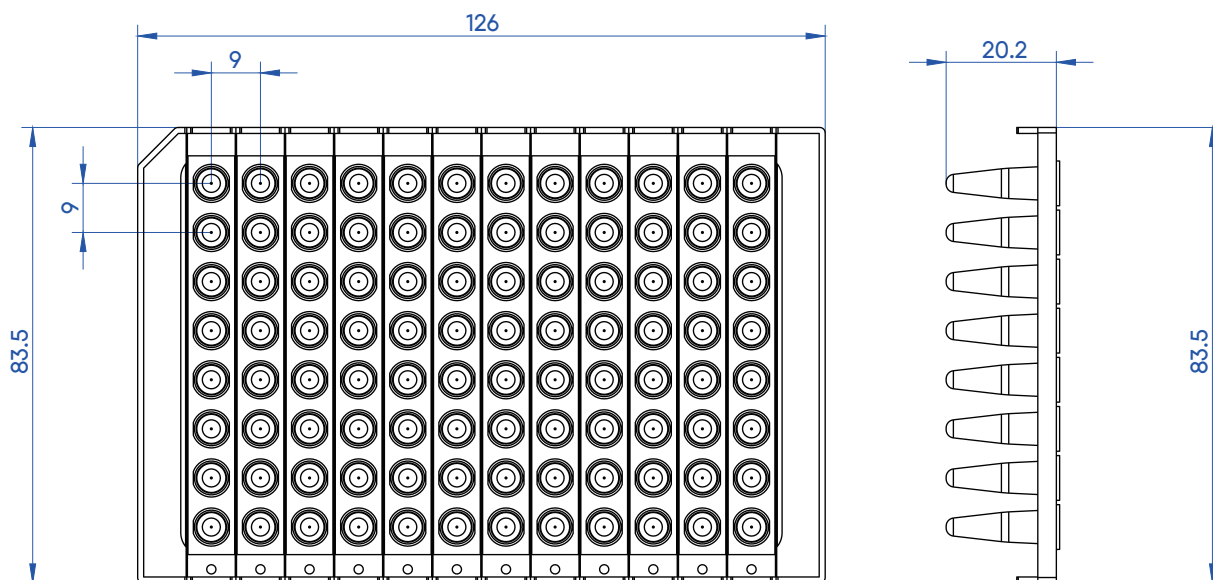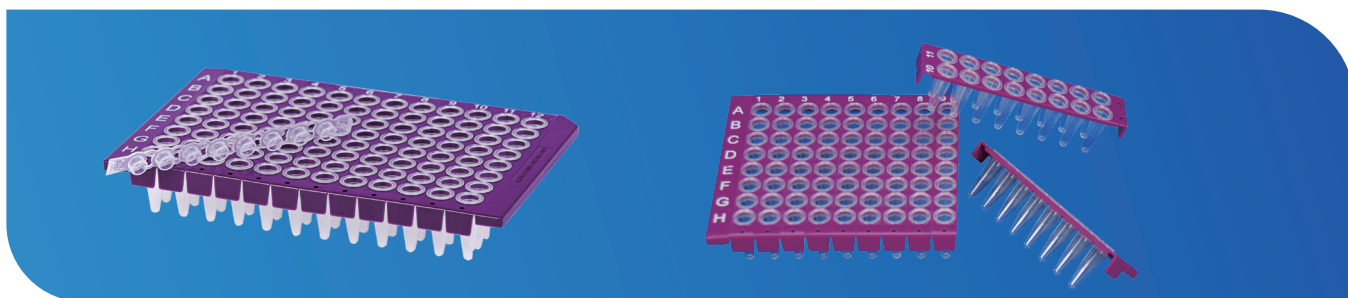## Item NO.

1000004341

Description

96 well semi-skirted plate, vertically scored, snaps easily into strips of 8 tubes or part plates, cut corner A12; 2-component design prevents distortion of tube strips; alphanumeric grid reference to aid well and sample identification; rigid PCR plate that can be broken into smaller plate sections. It can be used in combined with Strips of 8 Flat Optical Caps (1000002039).

Compatible Platform

MGISP-100

Parameters

Material	Wells：Polypropylene Frame：Polycarbonate
Working volume	≤200 μL
Total well capacity	200 μL
Purity standard	Free from DNase, RNase and human genomic DNA; non-endotoxin/py-rogen
Colour	Clear wells, purple frame
Specification	10 plates per bag
Ordering units	Bag

1.3 mL U-bottom Deep-well Plate

Item NO.

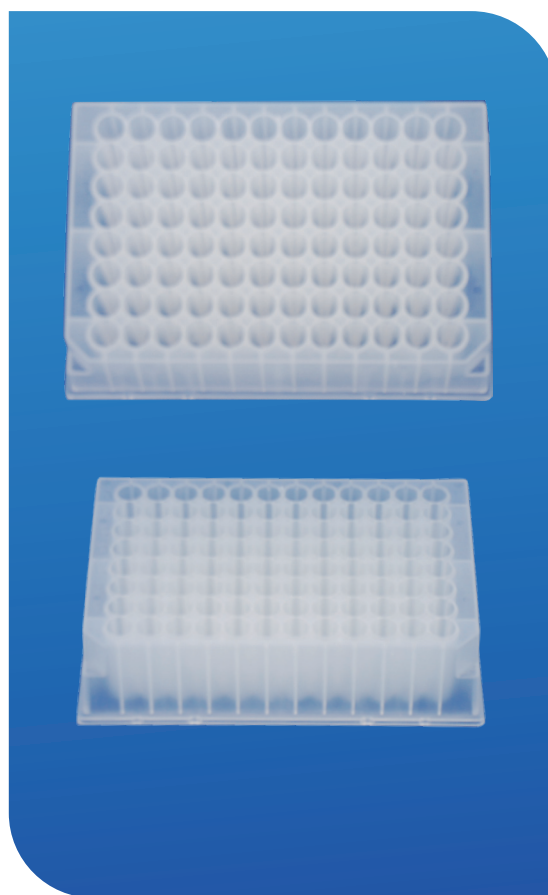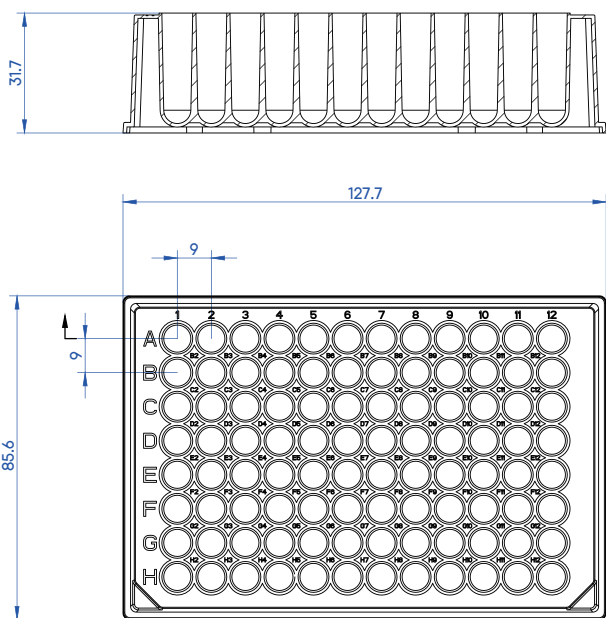**1000004644**

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

Parameters

Standardization	Compliance with SBS standards
Material	Polypropylene
Working volume	≤1 mL
Total well capacity	1.3 mL
Purity standard	Free from DNase, RNase, non-protease and non-pyrogen
Colour	Clear
Specification	2 plates per bag
Ordering units	Bag

Hard-shell Thin-wall 96-well Skirted PCR Plates, White Shell/Clear Well
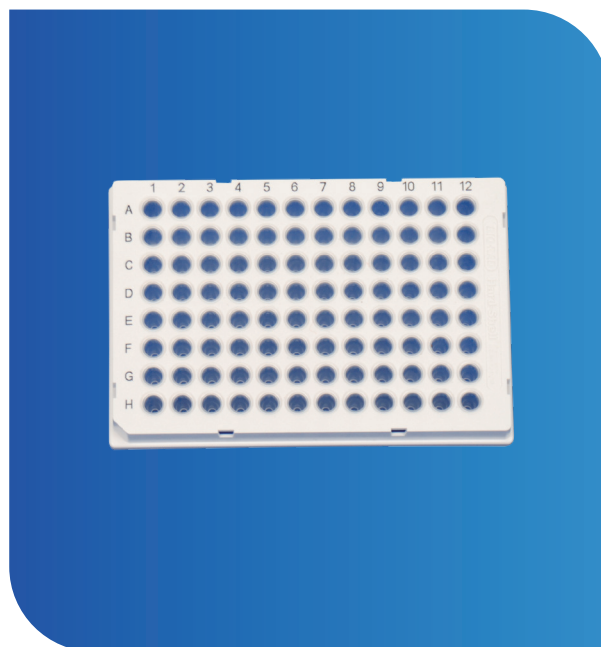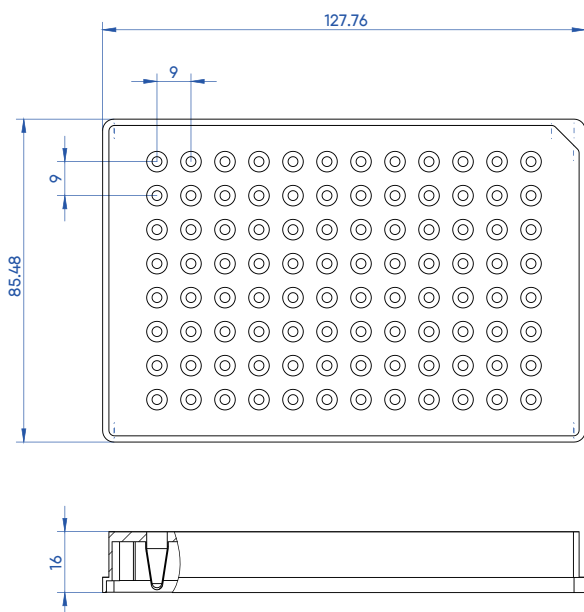
Item NO.

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	≤160 μL
Total well capacity	200 μ
Purity standard	Free from DNase, RNase, and human genomic DNA
Colour	Clear well, white shell
Specification	10 plates per bag
Ordering units	Bag

96-well 0.65mL Polypropylene Cluster Tubes,
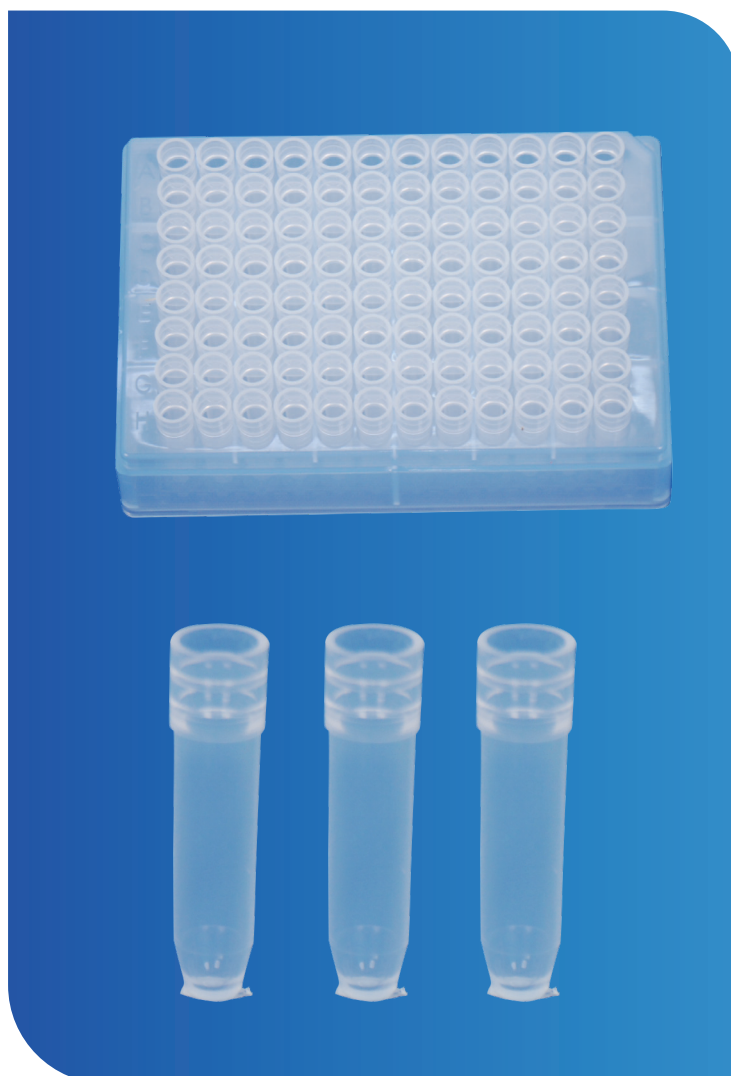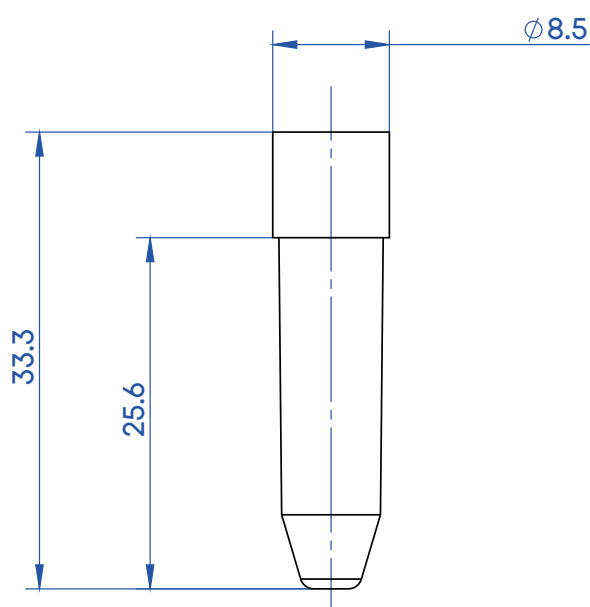## Individual Tube Format

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.

Compatible Platform

MGISP-100

Parameters

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

0.2mL PCR 8-Strips with Flat Caps
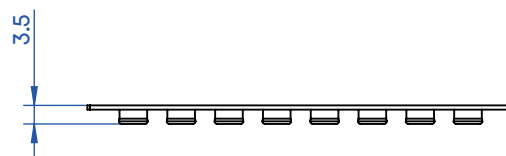
Item NO.

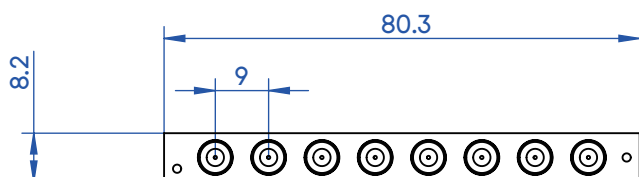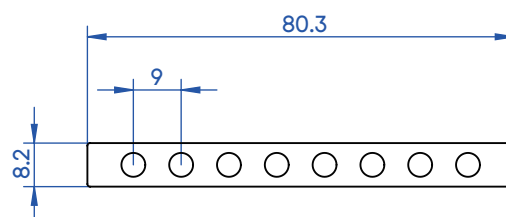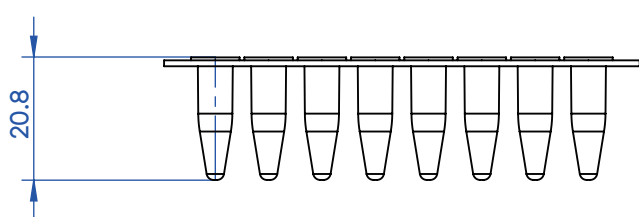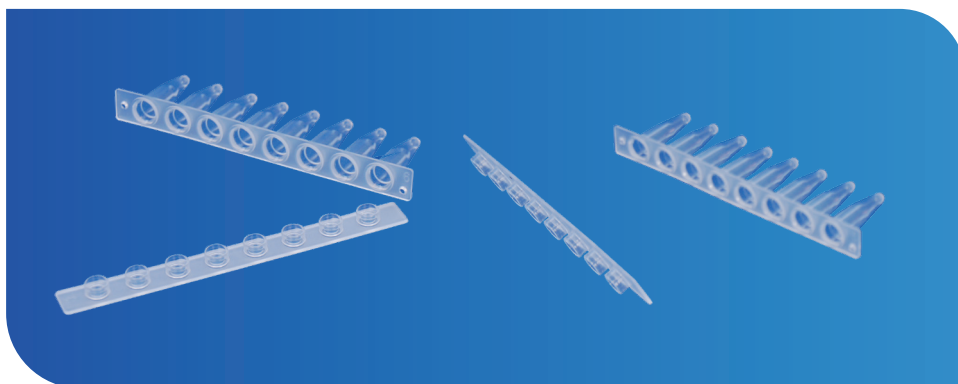**1000023283**

Description

Standard eight-strips, ultra-thin wall technology provides excellent thermal conductivity and maximizes sample amplification. Orientation hole makes it easy to identify the direction and the convex design of conical tube can effectively guarantee the sealing and prevent cross contamination.

Compatible Platform

MGISP-100

Parameters

Material	Polypropylene
Working volume	≤200 μL
Total well capacity	200 μL
Purity standard	Free from DNase, RNase and non-pyrogenic
Colour	Clear
Specification	125 strips per bag
Ordering units	Bag

Ordering Information

Product Name	Specification	Units	Item NO.
0.2 mL 96 Well Half–skirt PCR Plate	200 plates per case	case	1000000671
250 μL Automated Filter Tips	96 tips per rack，10 racks per case	case	1000000723
Microseal 'P' Replacement Pads	10 pads per bag	bag	1000001526
2 mL SC Micro Tube, PCR–PT	100 tubes per bag	bag	1000001553
0.5 mL SC Micro Tube, PCR–PT	100 tubes per bag	bag	1000001558
Strips of 8 Flat Optical Caps	12 strips per bag	bag	1000002039
Break–away 96–well, Clear Tubes, Purple Frame	10 plates per bag	bag	1000004341
1.3 mL U–bottom Deep–well Plate	2 plates per bag	bag	1000004644
Hard–shell Thin–wall 96–well Skirted PCR Plates, White Shell/Clear Well	10 plates per bag	bag	1000012059
96–well 0.65 mL Polypropylene Cluster Tubes, Individual Tube Format	10 boxes per bag	bag	1000019068
0.2 mL PCR 8–Strips with Flat Caps	125 strips per bag	bag	1000023283

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