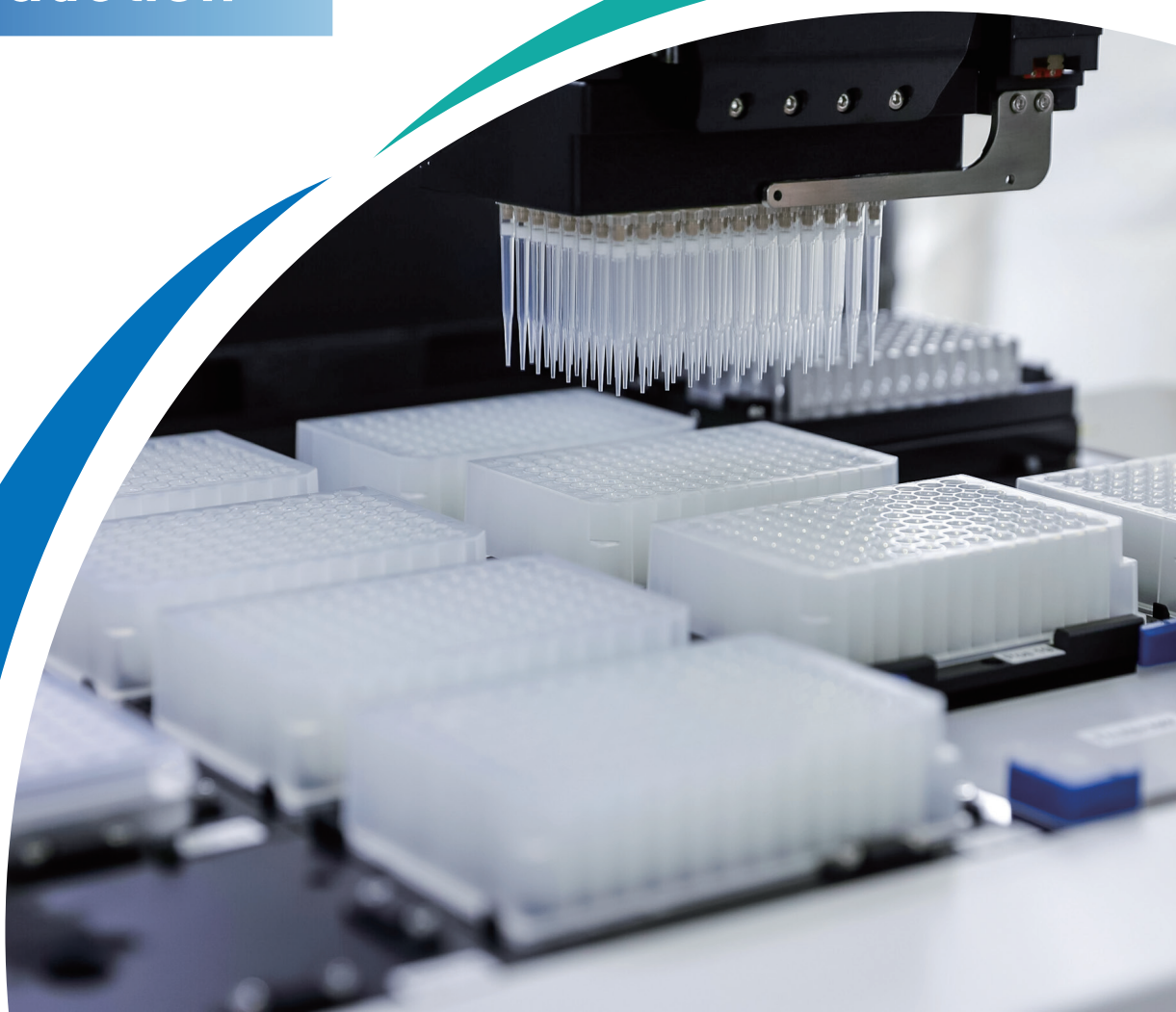Design for You

MGISP-960

High-throughput Automated
Sample Preparation System

Accessories Introduction

◎ ABOUT
MGI Tech Co., Ltd.

MGI Tech Co., Ltd. (or its subsidiaries, together referred to MGI), is committed to building core tools and technologies that drive innovation in life science. Our focus lies in research & development, manufacturing, and sales of instruments, reagents, and related products in the field of life science and biotechnology. We provide real-time, multi-omics, and full spectrum of digital equipment and systems for precision medicine, agriculture, healthcare and various other industries.

Founded in 2016, MGI has grown into a leader in life science, serving customers across six continents and have established research, manufacturing, training, and after-sales service facilities globally. MGI stands out as one of the few companies capable of independently developing and mass-producing clinical-grade gene sequencers with varying throughput capacities, ranging from Gb to Tb levels. With unparalleled expertise, cutting-edge products, and a commitment to global impact, MGI continues to shape the trajectory of life sciences into the future.

As of June 30, 2024, MGI has a team over 2,670 employees, with research and development personnel accounting for approximately 32.16%. Our business spans over 100 countries and regions worldwide, serving more than 3,000 users.

MGISP-960 Higher Position

Item No.

520-000054-00

Introduction

It is similar to MGISP-960 Standard Position but slightly higher. And it is used for placing plates, tips and other consumables. It is mainly used at the MGISP-960 POS 5, allows the 96-channel pipette to pick up single-row tips at this position.

Compatible Consumables

All SBS standard 96-well and 384-well plates

Parameters

Product Name	Parameters
Size (L×W×H)	142 mm×104 mm×102 mm

MGISP-960 Lower Position

Item No.

520-000055-00

Introduction

It is similar to MGISP-960 Standard Position but slightly lower. It is mainly used at MGISP-960 POS 7. The lower design can prevent interference with the PCR instrument while the 96-channel pipette is working with POS 7.

Compatible Consumables

All SBS standard 96-well and 384-well plates

Parameters

Product Name	Parameters
Size (L×W×H)	142 mm ×104 mm×75 mm

MGISP-960 Standard Position

Item No.
520-000063-00

Introduction

This standard position is for placing plates, tips and other consumables, without any additional features.

Compatible Consumables

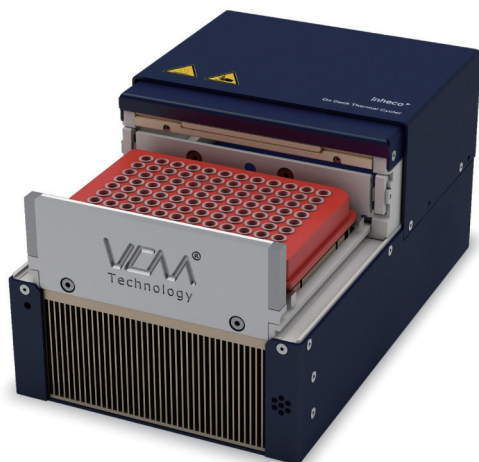All SBS standard 96-well and 384-well plates

Parameters

Product Name	Parameters
Size (L×W×H)	142 mm ×104 mm×87 mm

MGISP-960 PCR Module (inheco)

Item No.
520-000056-00

Compatible Consumables

Product Name	Item No.
Microseal 'P' replacement pads	1000001526
0.2 mL 96 well full-skirt PCR Plate	091-000165-00

Parameters

Product Name	Parameters
Compatible Consumables	96 wells
Size (L × W × H)	248 mm× 156.5 mm×124.3 mm
Temperature Range	4 ℃ ~ 99 ℃
Temperature Stability	±0.3 K at 55 ℃
Temperature Uniformity	±0.2 K at 55 ℃ , 72 ℃ , 95 ℃
Adjustable Heating Rate	0.1 - 4.4 ℃/s
Adjustable Cooling Rate	0.1 - 2.2 ℃/s
Average Heating Rate	4.4 ℃/s Max
Average Cooling Rate	2.2 ℃/s Max
Heated Lid Temperature	30℃-115℃, adjustable

Introduction

The automated PCR instrument can be integrated into MGISP-960 for enzyme reaction and PCR reaction in the biochemical experiment process.

MGISP-960 Magnetic Frame for Deepwell Plate

Item No.

520-000057-00

Introduction

This magnetic frame can be integrated into MGISP-960 for magnetic beads adsorption. It can be compatible with most deepwell plates.

Compatible Consumables

Product Name	Item No.
1.3 mL U-bottom deep-well plate	1000004644

Parameters

Product Name	Parameters
Specification	diameter~3.0 mm
Gauss	>3000 Gs on the surface

MGISP-960 Shaker

Item No.

520-000058-00

Introduction

The plate-type shaker can be integrated into MGISP-960 for mixing step during the experiment.

Compatible Consumables

All SBS standard 96-well and 384-well plates

Parameters

Product Name	Parameters
Size (L×W×H)	146 mm ×103 mm×39 mm
Shaking Speed	100-2000rpm
Shaking Mode	convolute or linear shaking with six modes for selection.
Amplitude	2-3 cm

MGISP-960 Temp. Control Module

Item No.

520-000059-00

Introduction

The temperature control module can be integrated into MGISP-960 and adapted to a variety of plates and racks, meeting the requirements of heating and cooling.

Parameters

Product Name	Parameters
Temperature Range	4 ℃ ~ 90 ℃
Temperature Stability	±1 ℃
Temperature Uniformity	±1 ℃ at 72 ℃

Optional Plate Adaptors

Product Name	Item No.
PCR Plate Adaptor for MGISP-960 Temp. Control Module Comsumables: Hard-shell thin-wall 96-well skirted PCR plates, white shell/clear well	010-001217-00 1000012059
Deepwell Plate Adaptor for MGISP-960 Temp. Control Module Comsumables: 1.3 mL U-bottom deep-well plate	010-001216-00 1000004644

MGISP-960 Magnetic Frame for PCR Plate

Item No.
520-000062-00

Introduction
This magnetic frame can be integrated into MGISP-960 for magnetic beads adsorption. It can be compatible with most PCR plates.

Parameters

Product Name	Parameters
Specification	diameter ~2.0 mm
Gauss	>3500 Gs on the surface

Compatible Consumables

Product Name	Item No.
0.2 mL 96 well full-skirt PCR Plate	091-000165-00

MGISP-960 Waste Bin

Item No.
520-000060-00

Introduction
A garbage can be integrated into MGISP-960 POS24. Put a garbage bag over it before use.

Parameters

Product Name	Parameters
Size (L×W×H)	146 mm ×100 mm×125 mm

Adaptor for 8-strip Tube

Item No.

010-001535-00

Introduction

The adaptor is for 8-strips Tube, with cover and snap fit design, can fix 8-tube and 96 well PCR plate onto this adapter. It can be used for MGISP-100/960.

Compatible Consumables

Product Name	Item No.
Break-away 8 Strips PCR Tubes and Caps	100-000016-00
0.2 mL 96 well full-skirt PCR Plate	091-000165-00

Parameters

Product Name	Parameters
Size (L×W×H)	128 mm ×86 mm×40 mm

Adaptor for 8-strips Tube, with Cover

货号

014-000217-00
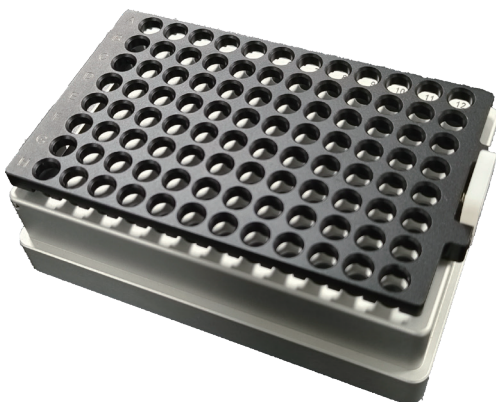
Introduction

The adaptor is for 8-strips Tube, with cover and snap fit design, can fix 8-tube and 96 well PCR plate onto this adapter. It can be used for MGISP-100/960.

Compatible Consumables

Product Name	Item No.
Break-away 8 Strips PCR Tubes and Caps	100-000016-00
0.2 mL 96 well full-skirt PCR Plate	091-000165-00

Parameters

Product Name	Parameters
Size (L×W×H)	128 mm ×86 mm×40 mm

Mutiple Zone Adapter, with Cover

Item No.

010-001558-00

Introduction

The Multi zone adapter, with cover and fixed buckle design, can be equipped with 8-tube, micro tube and bundle tube, used on MGISP-100.

Compatible Consumables

Product Name	Parameters
Break-away 96-well, clear tubes, purple frame	1000004341
0.2 mlL PCR 8-Strips with flat caps	1000023283

Parameters

Product Name	Parameters
Size (L×W×H)	128 mm ×86 mm×40 mm

Ordering Information*

Product Name	Item No.
MGISP-960 Higher Position	520-000054-00
MGISP-960 Lower Position	520-000055-00
MGISP-960 PCR Module	520-000056-00
MGISP-960 Magnetic Frame for Deepwell Plate	520-000057-00
MGISP-960 Shaker	520-000058-00
MGISP-960 Temp. Control Module	520-000059-00
MGISP-960 Waste Bin	520-000060-00
MGISP-960 Magnetic Frame for PCR Plate	520-000062-00
MGISP-960 Standard Position	520-000063-00
Deepwell Plate Adaptor for MGISP-960 Temp. Control Module	010-001216-00
PCR Plate Adaptor for MGISP-960 Temp. Control Module	010-001217-00
Adaptor for 8-strip Tube	010-001535-00
Adaptor for 8-strips Tube, with Cover	014-000217-00
Mutiple Zone Adapter, with Cover	010-001558-00
Adaptor for Half-Skirt PCR Plate	010-901739-00

*Order accessories you need to update configuration

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