



“N” GS to “1” GS

- Integration of all NGS processes
with one step

Intelligence and Full Control with Ease

MGIFLP™ modular NGS Workstation

First in World



MGIFLP NGS Workstation is a modular NGS workstation independently developed by MGI. The Workstation integrates the whole NGS workflow, creating a fully automated solution from sample to report with just one step. MGIFLP will connect with more life science products and support applications in infectious disease, cancer, reproductive health and other fields of precision medicine.

MGIFLP NGS Workstation has achieved two breakthroughs and three advances, reflecting the pursuit of MGI for innovation, perfection and quality excellence.

 <p>Two <i>breakthroughs</i></p>	<p>No operational barriers No fragmented time</p>	 <p>Three <i>advances</i></p>	<p>Fully-automated processes Fully-enclosed anti-contamination system Fully-covered control and management</p>
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Intelligent process

- Closed-loop one-stop solutions, supporting all processes unattended

Revolutionary design

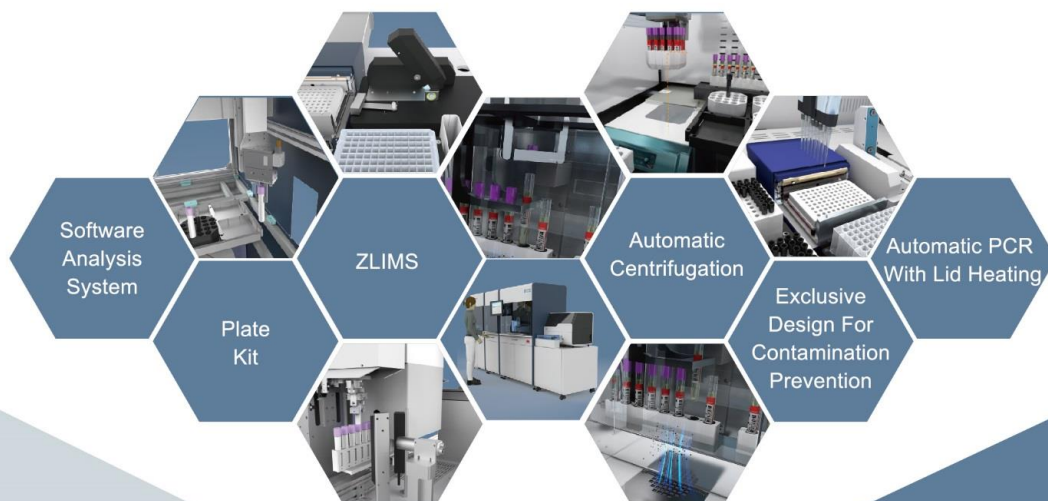
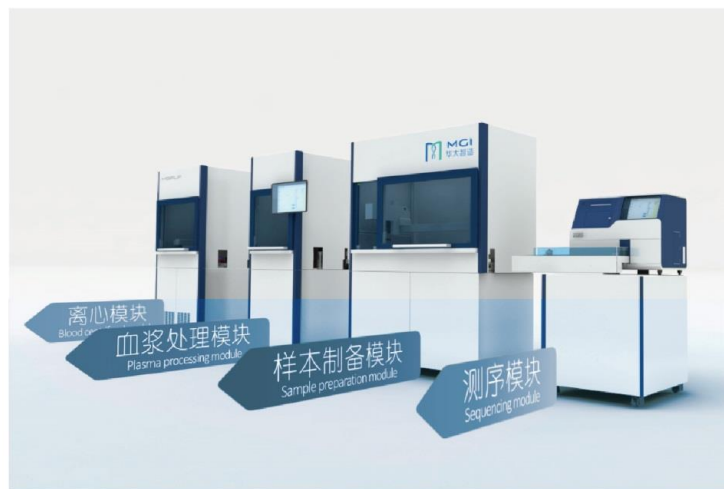
- Unique module design, maneuvering complex processes

Comprehensive integration

- Integration of all gene sequencing processes

Excellent experience

- Integrated plate kit design with seals to ensure convenience and safety
- Time and space restrictions eliminated to ensure real-time sample tracking and data access



Modular Sample Preparation Workstation: MGIFLP-SL

Relentless pursuit for innovation and perfection

The MGIFLP-SL model addresses customers' requirements for biospecimen analysis process flow from three levels - function, efficiency and cost, providing a comprehensive solution for sample preparation. It satisfies customers' requirements for practical applications, making the best use of workspace in the lab.

Fully automatic preparation



•Compatible sequencers: BGISEQ-50, MGISEQ-200, MGISEQ-2000

Supporting application

•Fast identification for blood borne pathogenic infections



Microorganism Identification Workstation: MGIFLP-L50

Streamlined and Simplified

To drive microorganism identification to the next level and put into practice the advanced and proven molecular approach, introduce MGIFLP-L50 fast microorganism identification system to your microorganism lab right now!

Simply intelligent



•Producing microorganism identification results within 24 hours and easy-to-read reports.

Supporting application

•Fast identification for pathogenic infections

•Fast identification for monoxenic NGS



Specifications

Model		MGIFLP-SL	MGIFLP-L50
Dimensions		Width: 2662mm	Width: 1852mm
		Depth: 1065mm	Depth: 840mm
		Height: 1860 mm	Height: 1860mm
Weight		750 kg	380 kg
Application parameter	Sample type	Whole blood, Plasma, Nucleic acid	Plasma, Nucleic acid
	Throughput	16 samples/batch	16 samples/batch
	Output	DNA Nanoballs (DNB) ; Connect the sequencer output analysis report	Analysis report
	TAT	Low to 5 hours	Low to 20 hours
Power source	Power requirements	100~240V, 50/60Hz	100~240V, 50/60Hz
	Rated power	2900W	2000W
Operating environment	Temperature	19 ~ 25°C	19 ~ 25°C
	Relative humidity	20%RH ~ 80%RH, noncondensing	20%RH ~ 80%RH, noncondensing
	Atmospheric pressure	70-106KPa	70-106KPa
Control computer	CPU	i7-7700	i7-7700
	Memory	16G	16G
	Hard drive	1T	1T

Reagent Kits

- MGIEasy DNA library preparation kit (RFLP)
- MGIEasy plasma free DNA library preparation kit

Software analysis system

- Fast identification system for pathogenic infections
- Fast identification system for monoxenic NGS
- China National GeneBank <https://db.cngb.org/pvd>

If you are looking for a high-throughput next-generation sequencing (NGS) system, www.mgitech.cn will provide more relevant information for your research and application.



Official WeChat account



Official website

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