

96 Samples 192 Samples 288 Samples 384 Samples

High-throughput, high efficiency!



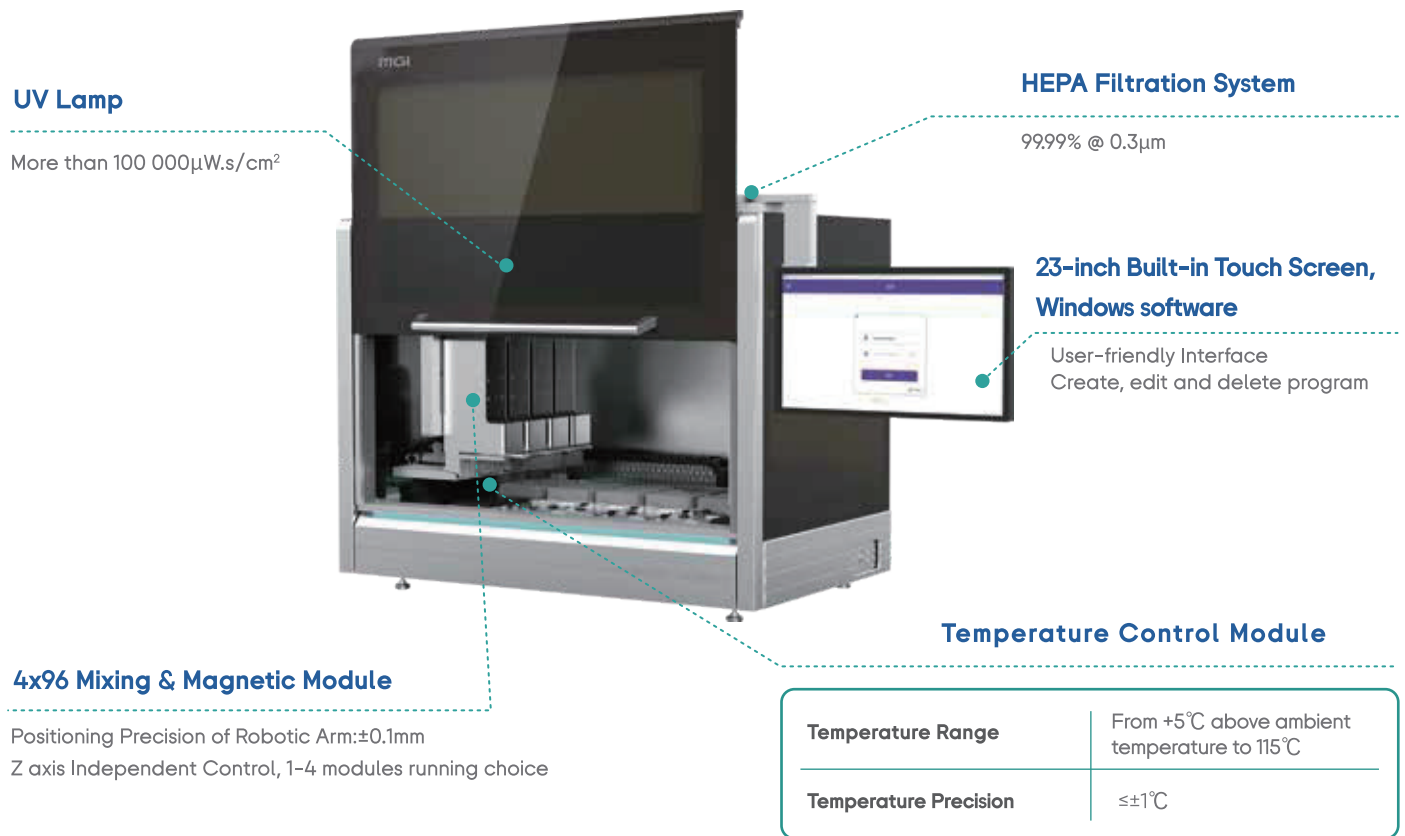
MGISP-NE384

High-throughput
Automated Nucleic Acid Extractor



MGISP-NE384

MGISP-NE384 is a high-throughput automated nucleic acid extractor adopting magnetic rod technology. Together with nucleic acid extraction kit, MGISP-NE384 is able to extract and purify nucleic acid from 96/192/288/384 samples. HEPA filtration system and UV lamp, ensure a safe working environment for nucleic acid extraction and lab technicians.



Flexible

- Mixing and magnetic module Z axis independent control, 1-4 modules running choice for 96/192/288/384 samples.

Efficient

- Moving and processing magnetic particles, extracting and purifying nucleic acid from 384 samples.

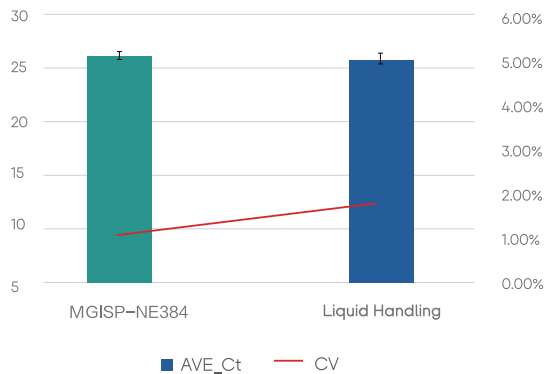
Safe

- HEPA filtration system and UV lamp, avoiding cross-contamination and ensuring a safe working environment.

Stable

- Reliable hardware design, 96-well plate reagent and disposable tip, minimizing operational errors.

Performance



Test Method

MGISP-NE384 VS Liquid handling method

Evaluation Standard

RT-PCR

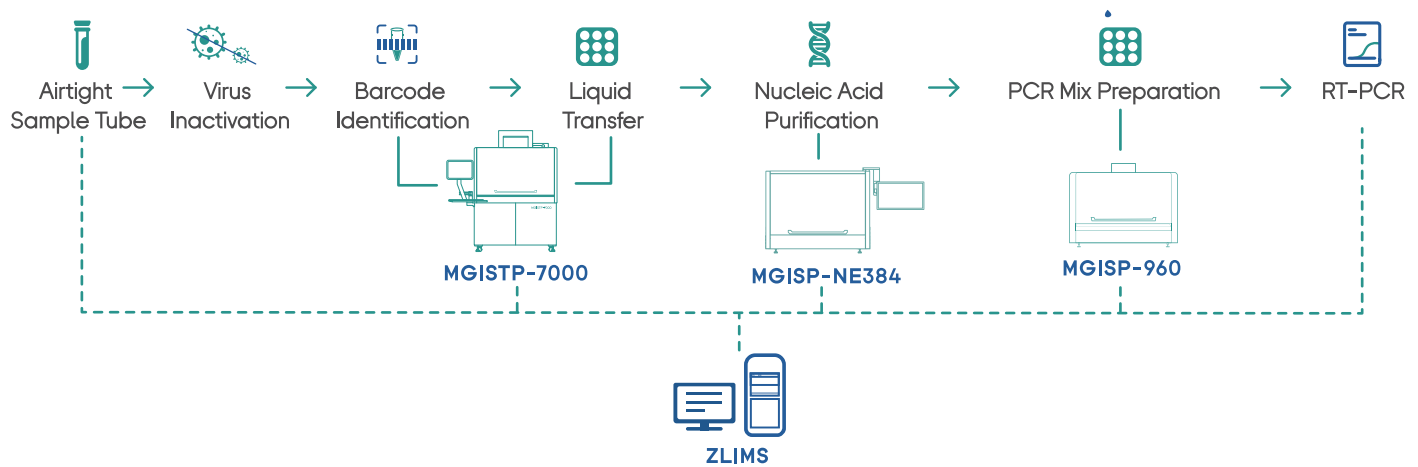
Test Samples

Simulated samples of throat swab containing virus(RNA), dilute them in different concentrations

Test Results

Ct value of fluorescent quantitative PCR is almost equally, that demonstrated the yield of virus RNA is coincident between MGISP-NE384 and liquid handling method. Meanwhile, Ct value reproducibility is great.

High-throughput Nucleic Acid Testing Laboratory Total Package!



MGISP-NE384

- Automated nucleic acid extraction
- Moving and processing magnetic particles
- 1-4 modules running choice for 96/192/288/384 samples



Nucleic Acid Extraction Kit

- Good extraction stability and reproducibility
- Compatible with Automated Nucleic Acid Extractor
- Adapted to most downstream applications: PCR, RT-PCR, Sequencing, etc.

Order Information

Equipment

Cat. No.	Product Name	Specification
900-000358-00	MGISP-NE384RS High-throughput Automated Nucleic Acid Extractor	EA, RUO
900-000359-00	MGISP-NE384 High-throughput Automated Nucleic Acid Extractor	EA, CE IVD

Consumable

Cat. No.	Product Name	Specification
1000025661	96-well Tips Comb	10 Pieces / Bag
1000008088	2.2 mL V-bottom deep-well plate	6 Pieces / Bag

Reagent

Item No.	Product name	model	specifications	qualifications	TAT	Applicable sample types
1000020471	MGEasy Nucleic Acid Extraction Kit	T-96	96 preps, tube	RUO	21 min	Virus DNA/RNA in swabs, bronchoalveolar lavage fluid, saliva, cervical swabs, FTA card flushing fluid, etc.
1000020261		T-1728	1728 preps, tube			
1000024106		VDR03P-96	96 preps, Pre-loaded		15 min	
1000021042	Nucleic Acid Extraction Kit	T-96	96 preps, tube	CE-IVD	21 min	
1000021043		T-1728	1728 preps, tube			
1000024108		VDR03P-96	96 preps, Pre-loaded		15 min	
940-000972-00	MGEasy Magnetic Beads Genomic DNA Extraction Kit	WDT-96	96 preps, tube	RUO	40 min	animal tissue, blood, saliva, cells, amniotic fluid
940-000973-00		WDT-864	864 preps, tube			
940-000974-00	MGEasy Genomic DNA Extraction Prepacked Kit (MGISP-NE384)	WDP-384	384 preps, Pre-loaded			
940-000633-00	MGEasy Magnetic Beads Blood Genomic DNA Extraction Kit	BDT-96	96 preps, tube	RUO	60 min	Blood, saliva, and white membrane layer
1000019634		BDT-864	864 preps, tube			
940-000632-00	Nucleic Acid Extraction Kit	BDT-96	96 preps, tube	CE-IVD		
940-000554-00		BDT-864	864 preps, tube			
1000027847	MGEasy Blood Genomic DNA Extraction Prepacked Kit (MGISP-NE384)	/	384 preps, Pre-loaded	RUO	55 min	
940-000122-00	MGEasy Stool Microbiome DNA Extraction Kit	SD02T-96	96 preps, tube	RUO	60 min	
940-000123-00		SD02T-384	384 preps, tube			
940-001247-00	MGEasy Stool Microbiome DNA Extraction Kit II	SD03T-96	96 preps, tube		35 min	
940-001246-00		SD03T-384	384 preps, tube			
1000028534	MGEasy Stool Human DNA Extraction Kit	SD01T-96	96 preps, tube	RUO	60 min	Human DNA from stool
1000028535		SD01T-1536	1536 preps, tube			
940-000155-00	Nucleic Acid Extraction Kit	SD01T-96	96 preps, tube	CE-IVD		
940-000157-00		SD01T-1536	1536 preps, tube			
940-001323-00	MGEasy Plant gDNA Extraction Set	PDT-96	96 preps, tube	RUO	35 min	gDNA from plant
940-001324-00		PDT-384	384 preps, tube			
940-000880-00	MGEasy total RNA Extraction Set	MRT-96	96 preps, tube		60 min	Total RNA from tissue, cells, bacteria, and whole blood
940-000875-00		MRT-384	384 preps, tube			

MGI Tech Co., Ltd.

Building 11, Beishan Industrial Zone, Yantian District, Shenzhen, China

+86-4000-688-114

en.mgi-tech.com

MGI-service@mgi-tech.com



The copyright of this brochure is solely owned by MGI Tech Co., Ltd.. The information included in this brochure or part of, including but not limited to interior design, cover design and icons, is strictly forbidden to be reproduced or transmitted in any form, by any means (e.g. electronic, photocopying, recording, translating or otherwise) without the prior written permission by MGI Tech Co., Ltd.

Version: April 2024 | MGPC4012202

Information in this brochure is updated to [03/31/2024] and only for your reference. In no event shall the brochure be regarded as warranty or commitment made by MGI Tech Co., Ltd. All rights and obligations shall subject to final executed agreement.