



**Palex**  
Constant Improvement

**Minimum** 32  
9 mins Samples

Perform 16/32 samples  
extraction in approximately 9 mins



AUTOMATED NUCLEIC ACID EXTRACTOR |

# MGISP-NE32



Leading Life Science Innovation  
MGI Tech Co., Ltd

## MGISP-NE32

MGISP-NE32 is an automated nucleic acid extractor adopting magnetic rod technology. Together with nucleic acid extraction kit, MGISP-NE32 is able to extract and purify nucleic acid from 16/32 samples in approximately 9 mins.

## Technical Principle

The nucleic acid extraction and purification is performed in four automated steps – lysis, binding, washing and elution. Using magnetic rods and disposable tips, MGISP-NE32 is intended for automated moving and processing of magnetic particles in a 96-well plate.



### 8-inch Built-in Touch Screen

Create, edit and delete program

### Reagent and Consumable

96-well pre-packed plate  
Disposable tip

**Flexible** • Adjustable mixing module with multiple modes & gears, compatible with different magnetic particles and reagents.

**Efficient** • Moving and processing magnetic particles, extracting and purifying nucleic acid from 16/32 samples in approximately 9 mins.

**Safe** • UV lamp, 96-well pre-packed plate and disposable tip, avoiding cross-contamination by minimizing contact with sample.

**Stable** • Specially designed heating block for 96-well plate, ensuring even heating during the experiment.



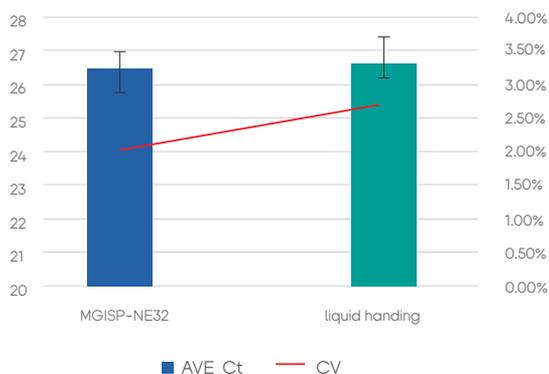
### Temperature Control Module

Temperature Control, Lysis/Elution well	From +5°C above ambient temperature to 120°C
Temperature Precision	≤±1°C

### Mixing Module

Adjustable mixing module with multiple modes & gears

## Performance



- Test method**

MGISP-NE32 VS Liquid handling method

- Evaluation standard**

RT-PCR

- Test samples**

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

- Test results**

Ct value of fluorescent quantitative PCR is almost equal, that demonstrated the yield of virus RNA is coincident between MGISP-NE32 and liquid handling method. Meanwhile, the reproducibility is great, the CV of Ct value is less than 2.5%.

## ONE-STOP SOLUTION

Provide instrument, consumables and kits for extraction



### MGISP-NE32

- Automated Nucleic Acid Extractor
- Automated extraction step
- Moving and processing magnetic particles
- Nucleic acid extraction from 16/32 samples in approximately 9 mins.



### Nucleic Acid Extraction Kit

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

# MGISP-NE32

Automated Nucleic Acid Extractor

Perform 16/32 samples extraction in approximately 9 mins

## ORDER INFORMATION

### Equipment

Cat. No.	Product name	Specification
950-000020-00	MGISP-NE32RS Automated Nucleic Acid Extractor	EA, CE RUO
950-000013-00	MGISP-NE32 Automated Nucleic Acid Extractor	EA, CE IVD

### Reagent

Cat. No.	Product name	Specification	Feature
1000023774	MGEasy Nucleic Acid Extraction Kit (OP02-32)	32 preps, CE RUO	35 mins, Standard Version
1000022606	Nucleic Acid Extraction Kit (OP02-32)	32 preps, CE IVD	35 mins, Standard Version
1000023938	MGEasy Nucleic Acid Extraction Kit (VDR03P-32)	32 preps, CE RUO	9 mins, Fast Version
1000023937	Nucleic Acid Extraction Kit (VDR03P-32)	32 preps, CE IVD	9 mins, Fast Version

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