

Assay Menu For Molecular Testing

Pathogen in Respiratory Tract

- AutoMolec FluA/FluB/RSV
- AutoMolec HPIV
- AutoMolec HMPV
- AutoMolec M. Pneumoniae/Adenovirus
- AutoMolec SA/MRSA/KPN
- AutoMolec SP/LP/MC
- AutoMolec PAE/HIN/E.coli
- AutoMolec M. Pneumoniae & Macrolides -Resistance
- AutoMolec M. Pneumoniae/C. Pneumoniae/Adenovirus*
- AutoMolec Victoria/Yamagata*
- AutoMolec AIV H5/H7*
- AutoMolec Flu A H1/H3*

Gastrointestinal

- AutoMolec Norovirus*
- AutoMolec Rotavirus group A*
- AutoMolec Salmonella/Shigella*

Women's Health

- AutoMolec HPV 16/18
- AutoMolec GBS
- AutoMolec HSV 1/2
- AutoMolec CT/NG/UU*
- AutoMolec HPV 6/11*

Individualized Therapy

- AutoMolec CYP2C19
- AutoMolec ALDH2
- AutoMolec MTHFR/MTRR

Infectious Diseases

- AutoMolec HBV DNA Quant*
- AutoMolec HCV RNA Quant*
- AutoMolec Monkeypox *

*RUO

INNOVATION · MANUFACTURE · INTEGRATION · SERVICE

AutoMolec 3000

Automated Nucleic Acid Purification and Real Time PCR System



Autobio Diagnostics Co., Ltd.

offers more than 600 in vitro diagnostic products including CLIA(microplate based CLIA and magnetic particle based CLIA),ELISA,POCT(Point of Care Test),Microbiology and Biochemistry. As an ISO9001 and EN ISO13485 manufacturer, Autobio supplies high quality products through its well established sales network and is renowned as a reliable partner. For details please visit en.autobio.com.cn. Autobio Diagnostics Co., Ltd. | NO.87 Jingbei Yi Rd | National Eco & Tech Zone | Zheng zhou City | China 450016.

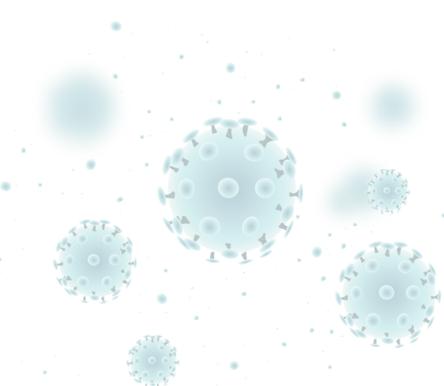
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Automatic molecular diagnostic system20240627e

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AutoMolec 3000—Fully integrated, Completely automated, Entirely flexible

The AutoMolec 3000 is a fully integrated and automated molecular diagnostics analyzer, which integrates nucleic acid extraction and real-time PCR in a single workflow. 41 independent temperature controlling modules ensure true random access. The analyzer system makes your nucleic acid assessment more accurate, flexible and convenient.

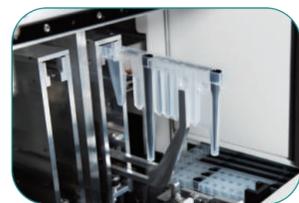
2. Sample inlet

- ※ Random access
- ※ STAT inlet



3. Extraction

- ※ 20 mins for first sample
- ※ 1 more sample every 2 mins



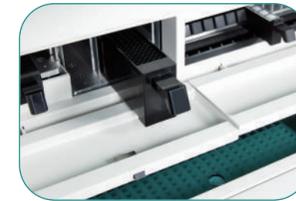
1. Anti-contamination

- ※ Independent dual air control
- ※ Intelligent UV light
- ※ Triple anti-droplet system in pipetting
- ※ Sealing system in PCR
- ※ Special designed to prevent cross-contamination dropping



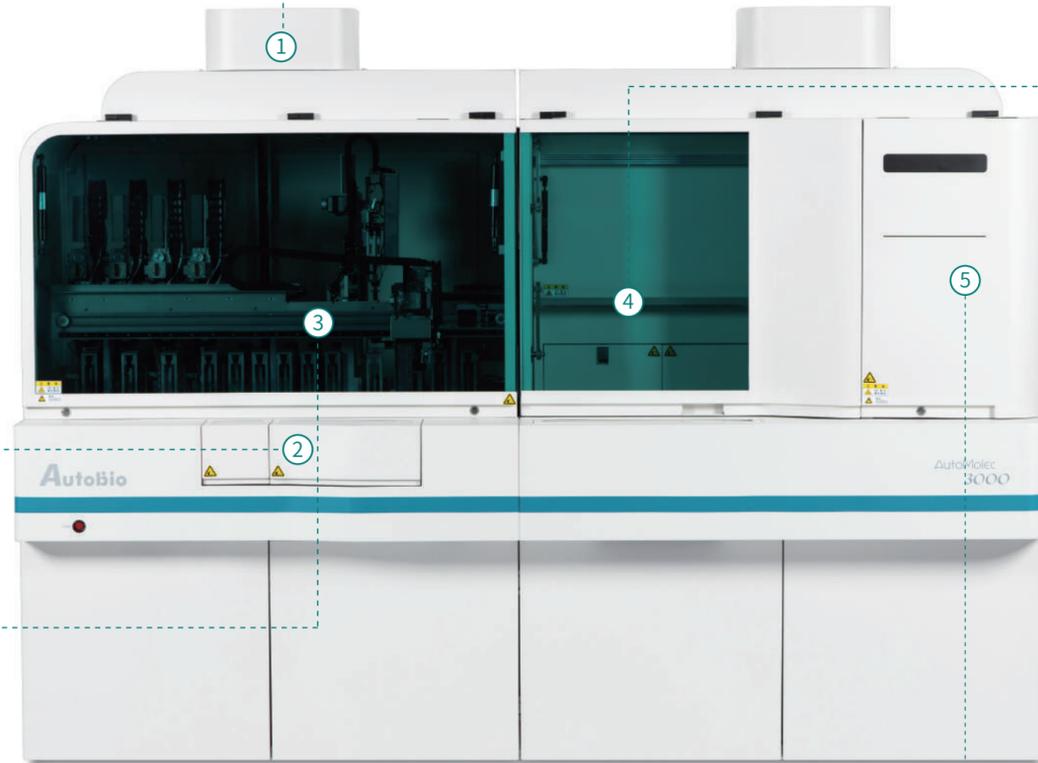
4. Reagents and consumables

- ※ 20 slots with 2-8°C cooling
- ※ Supporting 20 test items on-board
- ※ On-the-fly change for reagents and consumables

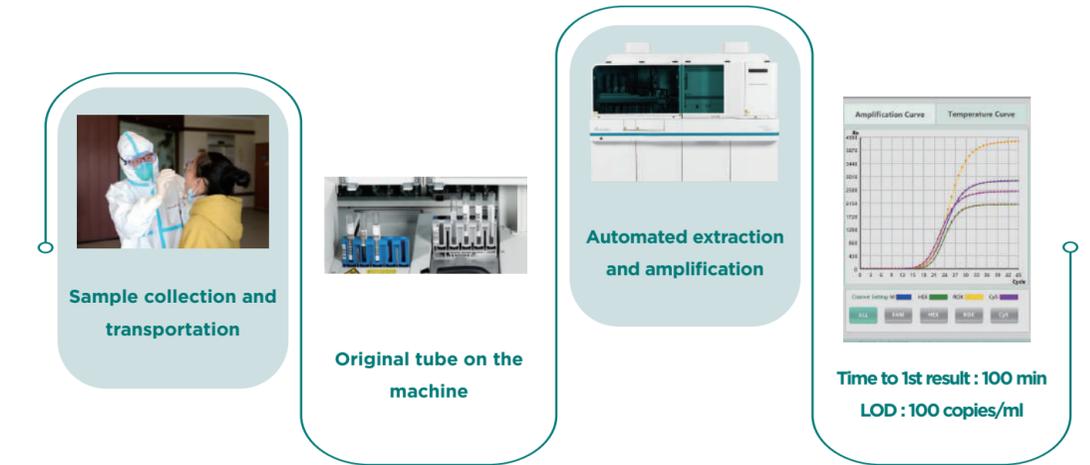


5. PCR system

- ※ 41 independent control channels
- ※ Supporting both RNA and DNA
- ※ RNA 80 min, DNA 50 mins



Working Flow



Specification

Model	AutoMolec3000
Sample Loading Capacity	60 samples(circular rotor), priority lane for emergency samples.
Projects Analyzed Simultaneously	20 items at one time
Kit Slot	20, online order and replacement.
Throughput	200tests/8h
Test Mode	It supports independent temperature control, independent testing, on-call test and sample purification and amplification integrated.
Reagent Temperature	2°C ~ 8°C
Weight	670 kg
Size	2400 mm × 900 mm × 1900 mm (L × W × H)