

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

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 system20220627e

AutoMolec 1600

Automated Nucleic Acid Purification and Real Time PCR System



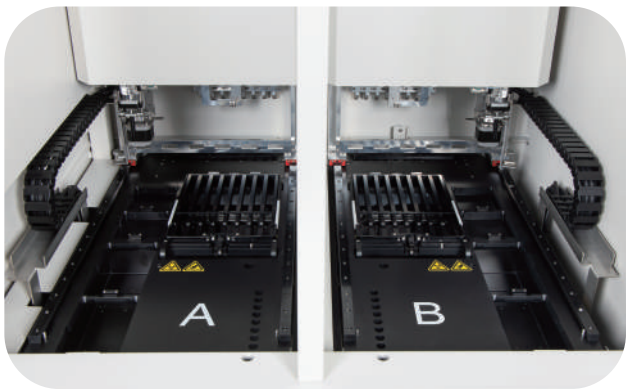
en.autobio.com.cn



AutoMeloc 1600—Fully integrated, Completely automated, Entirely flexible

The AutoMolec 1600 is a fully integrated and automated molecular diagnostics analyzer which is designed for small-batch sample management mode. Improve the way in molecular diagnostic and make your nucleic acid assessment more accurate, convenient and flexible.

- 2.Extraction
- ※ Small sample batch management, a batch contains 8 samples
 - ※ Two individual extraction modules A and B
 - ※ 4-well temperature control modules



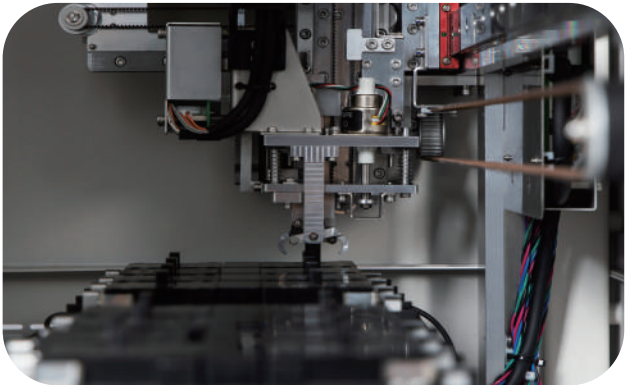
- 3.Reagents and consumables
- ※ 6 assays on-board at any one time



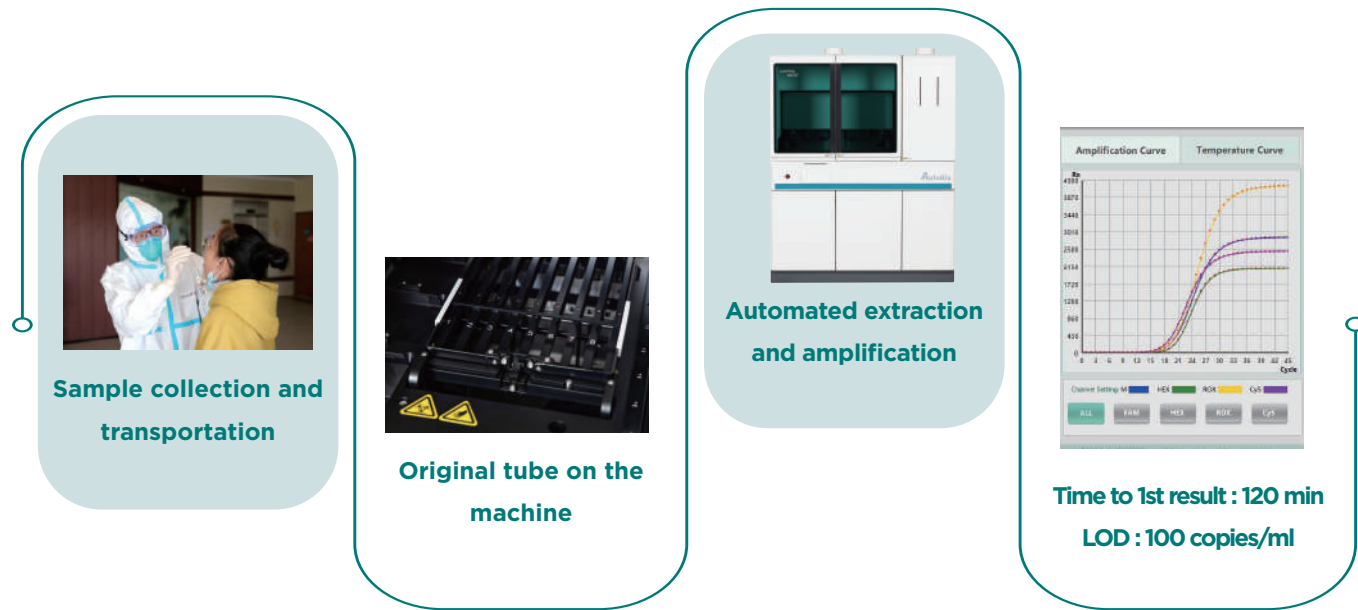
- 1.Anti-Contamination
- ※ Independent dual air control
 - ※ Intelligent UV light
 - ※ Triple anti-droplet system in pipetting
 - ※ Sealing system in PCR
 - ※ Special designed to prevent cross-contamination dropping



- 4.PCR system
- ※ 16 independent 4-well temperature control modules
 - ※ Single sample multiple detection
 - ※ Supporting both RNA and DNA
 - ※ 160 results in an 8 hour shift



Working Flow



Technical Specification

Model	AutoMeloc1600
Sample Quantity	1-16 samples
Items	6 items at one time
Kit Slot	6
Throughput	160 tests/8h
Test Mode	It supports 1 to 8 samples per batch, and two batches can be put on the instrument. Purification and amplification are integrated.
Weight	420 kg
Size	1250 mm×790 mm×1620 mm (L×W×H)