

System	Project
Infectious Diseases	HBV Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
	HCV Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
Tumor Marker	High-Risk HPV and 16/18 Genotyping nucleic acid detection (PCR-Fluorescence Probing)
	EB Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
Individualized Therapy	Human CYP2C19 Gene Detection Kit(PCR-Fluorescence Probing)
	Human ALDH2 Gene Detection Kit(PCR-Fluorescence Probing)
	CYP2D6*10, CYP2C9*3, ADRB(1165G>C),ACE(1/D) detection(PCR-Fluorescence Probing)
Women's Health	GBS Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
	HHV-1/2 Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
	Chlamydia Trachomatis/gonococcus/M.urealyticum nucleic acid detection kit (PCR-Fluorescence Probing)
	Hpv (6/11) Nucleic Acid Detection Kit (PCR-Fluorescence Probing)
	HCMV Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
Pathogen in Respiratory Tract	2019-nCoV Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
	Influenza A/Influeza B/RSV Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)
	ycoplasma pneumoniae/Chlamydia pneumoniae/adenovirus Nucleic Acid Detection kit (PCR-Fluorescence Probing)
	HPIVS Nucleic Acid Detection Kit (PCR-Fluorescence Probing)
	hMPV Nucleic Acid Detection Kit (PCR-Fluorescence Probing)
	Lower Respiratory Tract Bacteria Detection Series
Gastrointestinal	EV17/CA16/EV Nucleic Acid Diagnostic Kit(PCR-Fluorescence Probing)

coming soon

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**Autobio Diagnostics Co., Ltd.**

offers more than 400 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](http://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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AutoMolec 1600

**Automatic Molecular Diagnostic System**



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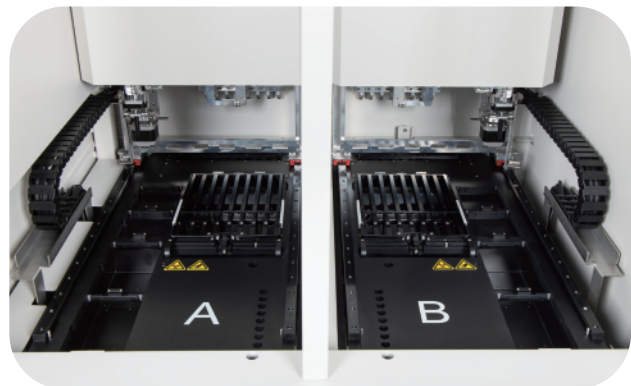


## AutoMolec 1600—Fully integrated, Completely automated, Entirely flexible

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 models A and B
- ※ 4-well temperature controlling modules



### 3.Reagents and consumables

- ※ 6 slots with 2-8°C cooling
- ※ Up to 6 assays on-board at any one time



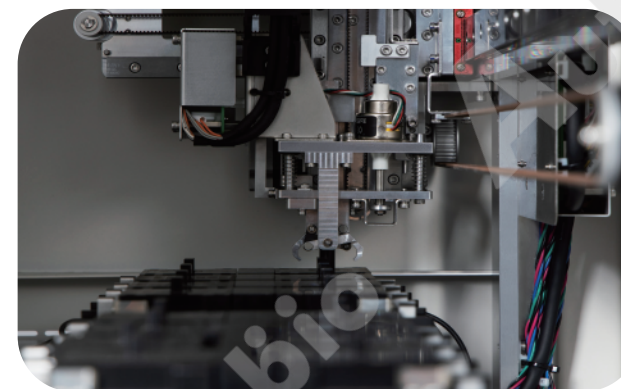
### 1.Anti-Contamination

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

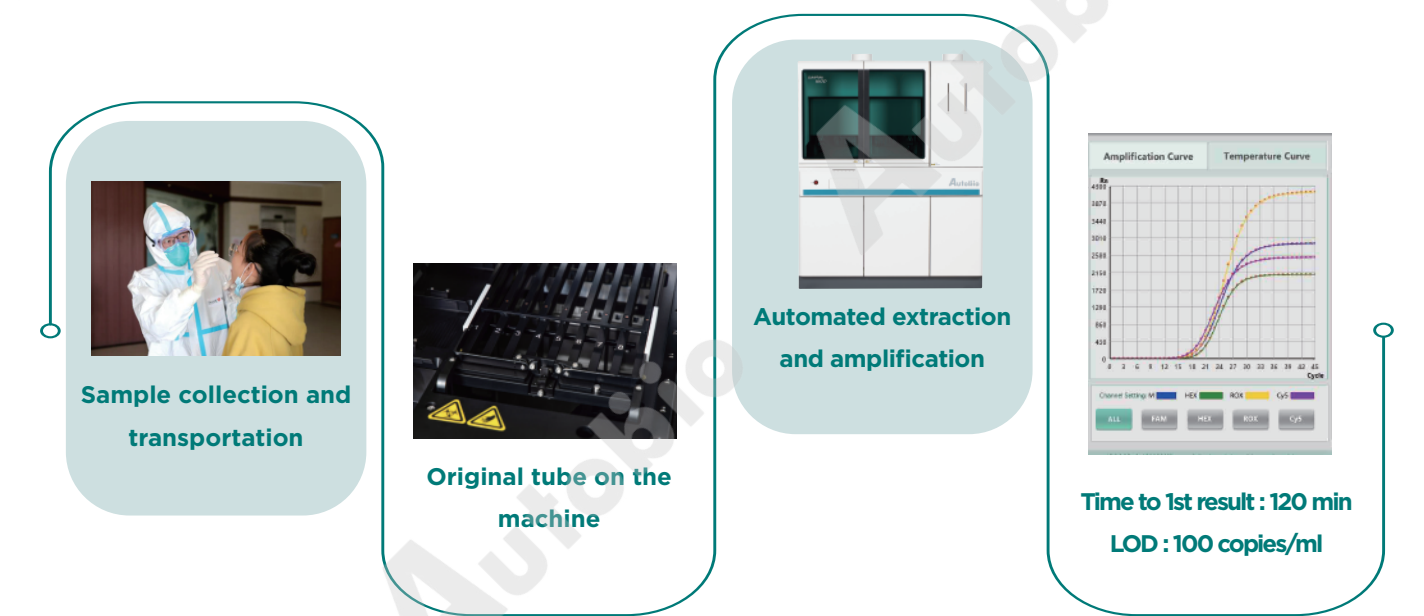


### 4.PCR system

- ※ 16 independent 4-hole temperature control modules
- ※ Single sample multiple detection
- ※ Supporting both RNA and DNA
- ※ Up to 160 results in an 8 hour shift



## Working Flow



## Technical Specification

Product Name	Automeloc1600
Sample Quantity	1-16 samples
Items	No less than 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.
Onboard Reagent Storage	2°C~8°C
Weight	420 kg
Size	1250 mm×790 mm×1620 mm (L×W×H)