

iMagic-M9

Auto Chemistry Analyzer

Technical Specifications

System Function

Throughput	60T/H (single/ double/ triple reagent)
Analysis method	Two-point, end-point, kinetic
Analysis item	More than 200 colorimetric items
LIS	Support HL-7 protocol

Sample & Reagent system

Sample position	20+2 positions, up to 71
Sample & reagent probe	1 independent probe with stirring function
Sample volume	3~100 μ l, 0.1 μ l stepping
Sample & reagent probe technology	Liquid level detection X+Y+Z dispensing system
Sample & reagent probe cleaning	Automatic washing both interior and exterior
Reagent position	50 positions, refrigerated reagent tray with independent switch
Reagent volume	15~300 μ l, 1 μ l stepping
Reagent bottle	20ml

Reaction System

Cuvette specification	Optical diameter is 5.8mm
Reaction volume	180 μ l-500 μ l
Reaction temperature	37 $^{\circ}$ C
Wastewater treatment	Waste liquid level alarming Deion water level alarming
Reaction cuvette cleaning	Auto 6-step water washing with detergent

Calibration and QC

Calibration method	1-point linear, 2- point linear, multi-point linear, non-linear
QC method	Real-time QC, days QC & day QC
Control rule	Westgard multi-rule, L-J plot

Operating System

Operating system	Windows XP /Windows 7 / Win 8
Interface	Standard RS-232
Language	Multi-language

Working Conditions

Power supply	AC220V, 50/60Hz, 300W
Temperature	15~30 $^{\circ}$ C
Humidity	35-80%
Water consumption	3L/Hour

Weight & Size

Dimensions	500mm X 440mm X 470mm
Net weight	<40Kg

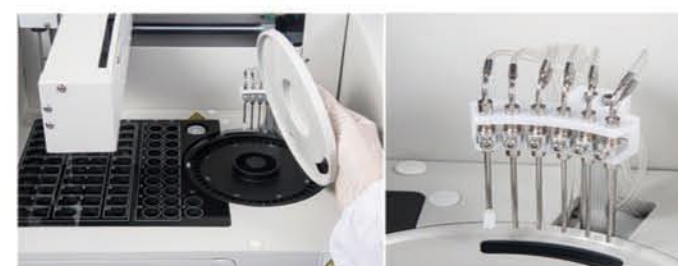
Optical System

Light source	10W/6V halogen lamp
Spectrophotometry	Forward
Wavelength	8 wavelengths: 340nm, 405nm, 492nm, 510nm, 546nm, 578nm, 590nm, 700nm
Absorption range	0~3.5Abs
Resolution	0.0001Abs



The leading brand of small chemistry analyzer

The Smallest in the world!



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Auto Chemistry Analyzer

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Shenzhen iCubio Biomedical Technology Co.,Ltd.

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E201503

Perfect Choice for Food Inspection!



Unique discrete, X+Y+Z dispensing system
Sample/Reagent probe with stirring function
Automatic probe washing
Liquid level detection
Collision protection

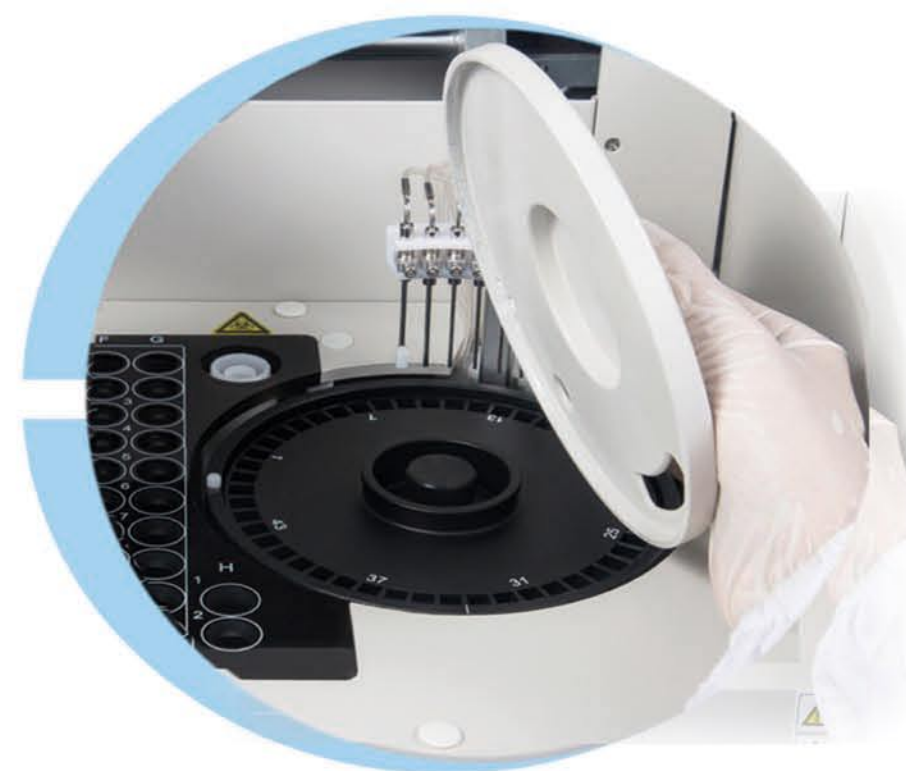
48 recyclable cuvettes
Thermostat technology ensures temperature is 37°C
The temperature control variation is $\pm 0.1^\circ\text{C}$

Automatic 6-step water washing
Waste Liquid level alarming
Deion water level alarming
Support detergent washing function

Flexible drawer-style reagent and sample unit
Max. reagent position 50, Max. sample position 71
Continuous sample loading
Refrigerated reagent unit with Peltier elements
Independent refrigeration switch
Support three reagents tests



Features



Small

- CBM only 0.1 m³
- The smallest auto chemistry analyzer

Fast

- Up to constant 60 tests per hour
- Fast service response

More

- 72 reagent / sample positions
- More on-line test items

Economic

- Min. sample volume 3ul
- Min. reaction volume 180 ul
- Low test cost

Professional

- Accurate result
- Stable performance
- Durable material