



The leading brand of small chemistry analyzer

*The Smallest in the world!*



**iMagic Series**

Auto Chemistry Analyzer

**Shenzhen iCubio Biomedical Technology Co.,Ltd.**

# Mini automatic chemistry analyzer

*perfect replacement of semi-auto chemistry analyzer*



**Small**

CBM only 0.1 m<sup>3</sup>, the smallest auto chemistry analyzer.

**Fast**

Up to constant 120 tests per hour. Fast service response.

**More**

72 reagent / sample positions, more online test items.

**Economic**

Min. sample volume 3ul, Min. reaction volume 180 ul, low test cost.

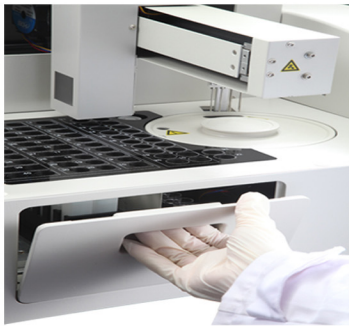
**Professional**

Accurate result, Stable performance, Durable material

## Features



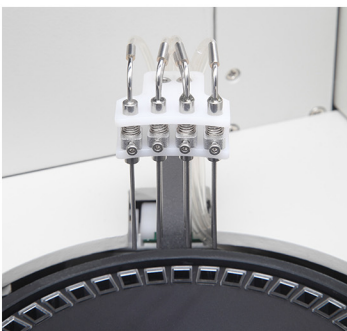
- Unique discrete, X+Y+Z dispensing system fully auto chemistry analyzer
- Sample & Reagent probe with stirring function
- Automatic probe washing, liquid level detection & collision protection



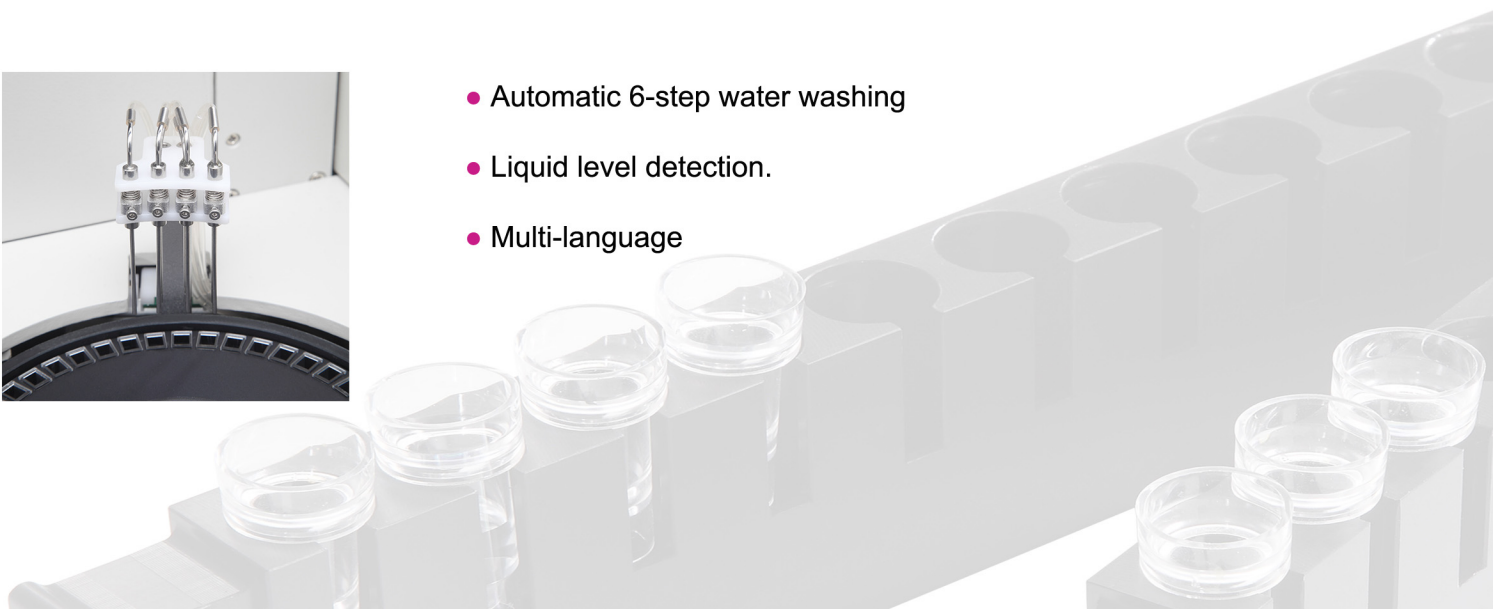
- Flexible drawer-style reagent and sample unit
- Max. reagent position 50, Max. sample position 71
- Continuous sample loading
- Refrigerated reagent unit with Peltier elements



- 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
- Liquid level detection.
- Multi-language



# iMagic Series Auto Chemistry Analyzer

## Technical Specifications

### System Function

Throughput	100~120T/H (single/double reagent)
Analysis method	Two-point, end-point, kinetic
Analysis item	200 colorimetric items

### 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

### Sample & Reagent system

Sample position	20+2 positions, up to 71
Sample & reagent probe	1 independent probe with stirring function
Sample volume	3~100µl, 0.1µl 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
Reagent volume	15~300µl, 1µl stepping
Reagent bottle	20ml

### Operating System

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

### Reaction System

Cuvette specification	Optical diameter is 5.8mm
Reaction volume	180ul-500µl
Reaction temperature	37℃
Wastewater treatment	Waste liquid level alarming (optional) Deion water level alarming (optional)
Reaction cuvette cleaning	Auto water washing

### Working Conditions

Power supply	AC110/220V, 50/60Hz, 300W
Temperature	15~30℃
Humidity	35-80%
Water consumption	3L/Hour

### Weight & Size

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

iMagic Series	S7	S5	M7	M5	E7	E5
Throughput	120T/H	120T/H	100T/H	100T/H	100T/H	100T/H
Automatic washing	√		√		√	
Cuvettes Wash Steps	6		6		4	
Liquid level alarming	√	√				
Detergent	√					
LIS	√	√	√	√		

### Optical System

Light source	10W/6V halogen lamp
Spectrophotometry	Forward
Wavelength	8 wavelengths: 340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 630nm, 700nm
Absorption range	0~3.5Abs
Resolution	0.0001Abs

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