

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

Operating System

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

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 with independent switch
Reagent volume	15~300µl, 1µl stepping
Reagent bottle	20ml

Working Conditions

Power supply	AC220V, 50/60Hz, 300W
Temperature	15~30℃
Humidity	35-80%
Water consumption	3L/Hour

Weight &Size

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

Reaction System

Cuvette specification	Optical diameter is 5.8mm
Reaction volume	180ul-500µl
Reaction temperature	37℃
Wastewater treatment	Waste liquid level alarming Deion water level alarming
Reaction cuvette cleaning	Auto 6-step water washing with detergent

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

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

The Smallest in the world!



iMagic-M9
Auto Chemistry Analyzer

Biomedical Technology Co.,Ltd.

Zastopnik in distributer: V.I.A. d.o.o. Murska sobota, Černelavci, 9000 Murska Sobota,

Tel: 02 53 48 406, E-mail: info@viams.net



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E201503



Biomedical Technology Co.,Ltd.

iMagic-M9

Mini automatic chemistry

Perfect Choice for Food Inspection !



Features

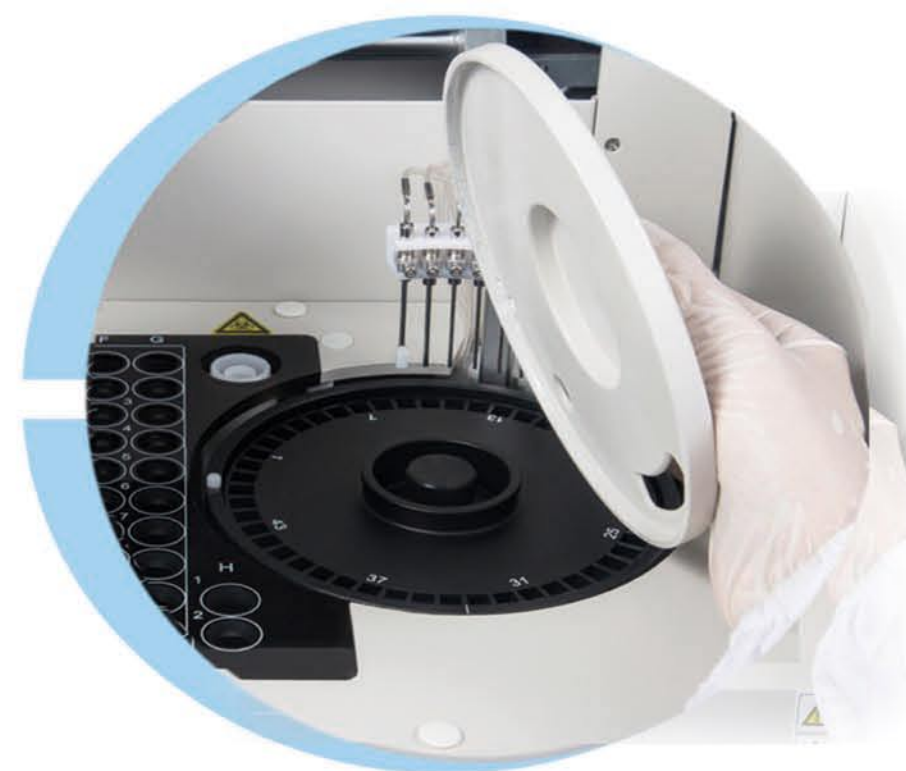


- Unique discrete, X+Y+Z dispensing system
- Sample/Reagent probe with stirring function
- Automatic probe washing
- Liquid level detection
- Collision protection

- 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



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



AUTOMATED IMMUNOASSAY PLATFORM

Thunder Bolt[®]



ThunderBolt[®]

Available Configurations:

EIA or CLIA+EIA Combined

GOLD STANDARD
DIAGNOSTICS



Simplify Your Laboratory Experience

Innovative Automation • Extensive Product Menu • Complete Support

GSD THUNDERBOLT®
AUTOMATION PLATFORM

Benefits of ThunderBolt® Automation

Powerful

Fully-Automated – Load and walk away.

High Capacity – 192 sample capacity.

Flexible

Open Architecture – Program any EIA or CLIA protocol (CLIA requires CLIA+EIA configuration).

Adaptable – Up to 8 different protocols in a single batch.

Compact

Space Saving – Reclaim valuable space and process more in a 2' x 2' footprint.

Innovative

High Precision Micro-Syringe - Aspirate 1 µl with less than 3% CV.

Convection Incubator – Eliminate “Edge Effect” by evenly heating each well.

Orbital Shaker – No-spill design, up to 900 RPM.

Built-in Reader – Ultra-compact and fully-automated reader.

Intelligent Racks – Reduce errors with Positive Patient Identification.

On-Board Camera – Remote diagnostics for maximum uptime.



Intuitive, Open, Flexible Software

- Powerful test designer
- Custom report generator
- LIS compatible
- Bi-directional interface

THE BOLTTM AUTOMATED ANALYZER

Features & Benefits

- **Modular Design with Optional:**

- Convection Incubator*

- Linear Shaker*

- EIA or EIA+CLIA Reader**

- Flexible, Open Architecture
(Program any EIA or CLIA protocol)

- Intuitive User Interface

- Space Saving Design
(Fits on Standard 60cm lab bench)

- 96 Sample Capacity

- High Precision Syringes

- Exterior Status Indicator Light

- LIS Connectivity

- Competitive Pricing

- Low Consumable Costs
(No disposable tips)



*CLIA protocols require EIA+CLIA reader option