

IN-VITRO DIAGNOSTIC MEDICAL DEVICES

AUTO CHEMISTRY ANALYZERS



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ANALYTICAL EXCELLENCE...

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### MA-1200 Auto Chemistry Analyzer

#### FEATURES:

- 150 Sample positions
- 160 Reaction cuvettes
- 180 Refrigerated reagent positions
- Optical filter/fibre bragg grating selectable
- 800 Tests per hour (1200 Tests with ISE module)
- Built-in sample barcode system optional
- Teflon-coated, probe with anti-collision function, liquid level detection function



MA-1200-03

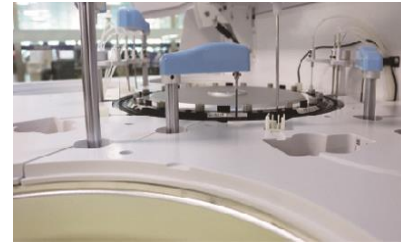
Reaction Tray:  $37\pm 0.1^{\circ}\text{C}$ , water bath



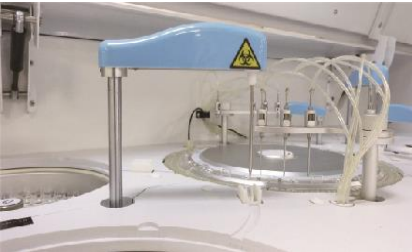
Reagent Tray:  $2\sim 8^{\circ}\text{C}$  cooling for 24 hours



Mixer Probe: Dual mixer, auto frequency adjustment



Sample Probe: Liquid level sensor function  
Anti-collision function. Reagent volume real-time detection



Washing Probe: Dual design, high efficiency



Software  
User-friendly software

**MODEL SPECIFICATIONS:**

<b>Model</b>	<b>MA-1200</b>	
Overall Performance	Throughput	800 tests/hour, 1200 tests/hour with ISE (Optional)
	Analysis Method	End-point, Fixed-time, Rate (Kinetic)
	Certification	CE, FDA, ISO9001, ISO14001, ISO13485
Sample & Reagent System	Sample Positions	150 sample positions
	Reagent Positions	180 reagent positions
	Sample Volume	1~70µl
	Reagent Volume	10~350µl
	Probe	Teflon coating, with anti-collision function, liquid level detection function
	Probe Washing	Automatic washing interior and exterior
	Reagent Cooling	Refrigerated tray with independent switch
Reaction System	Temperature Control	Water bath, 37±0.1°C, real-time monitoring
	Cuvettes	160 re-usable cuvettes, optical length 6mm
	Mixer probe	Independent stirring
	Washing	Automatic cuvettes washing
	STAT function	Yes
Optical System	Light Source	12V/20W halogen lamp/fibre bragg grating optional
	Spectrophotometry	Post-spectral spectrophotometry
	Wavelength	12 wavelengths from 340~800nm
	Absorbance	0~3.5 Abs

Calibration and QC	Calibration	Linear: K factor, 1-point , 2-point and multipoint linear Non-Linear: Spline, Polygon, Index, Ogarithm, Logit-4P, Logit-5P
	Quality Control	Real-time QC, Westgard multi rule, Cumulative Sum Check, Twin Plot (2D)
Data Management	Software	Windows 7/8/10 , 32 or 64 bit
	LIS System	Bi-direction, support HL7 protocol
	Interface	LAN port access
	Printer	External, multiple reporting mode available
Working Conditions	Power Supply	AC220V±10%, 50/60Hz, 110V±10%, 60Hz, 1500W
	Temperature	15~30°C (±2°C)
	Water Consumption	Deionized water: <25L/H
	Humidity	40%~85%
Size & Weight	External Size (W*D*H)	1360*795*1155mm
	Net Weight (kg)	290
	Package Size (W*D*H)	1718*958*1427mm
	Gross Weight (kg)	400