microANALYTICA

SCIENTIFIC SUPPLY

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ANALYTICAL EXCELLENCE...

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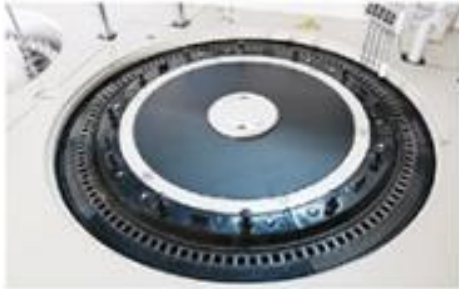
Auto Chemistry Analyzer MA-400

FEATURES:

- 400 tests per hour
- 90 Reagent positions
- 120 Reaction cuvettes
- Built-in sample barcode system optional
- 60 Sample positions (90 sample positions optional)
- Probe with anti-collision function, liquid level detection function

MA-400-03

Reaction tray
37℃±0.1℃, real-time monitor

Reagent tray
2℃~8℃ cooling for 24 hours

Mixer Probe
Teflon coating to avoid cross contamination

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

Washing Probe
Independent 7-step washing system

Software
User-friendly software

MODEL SPECIFICATIONS:

Model	MA-400	
Overall Performance	Throughput	400 tests/hour
	Analysis Method	End-point, Fixed-time, Rate (Kinetic)
	Certification	CE, FDA, ISO9001, ISO14001, ISO13485
Sample & Reagent System	Sample Positions	60 or 90 sample positions, built-in barcode system available
	Reagent Positions	90 refrigerated 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	2～8°C
Reaction System	Temperature Control	37°C±0.1°C, real-time monitoring
	Cuvettes	120 re-usable cuvettes, optical length 6mm
	Mixer Probe	Independent stirring
	Washing	Automatic cuvettes washing
	STAT Function	Yes
Optical System	Light Source	12V/30W halogen-tungsten lamp
	Spectrophotometry	Post-spectral spectrophotometry
	Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 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	TCP/IP network interface
	Printer	External, multiple reporting mode available
Working Conditions	Power Supply	220V±10%, 50/60Hz, 110V±10%, 60Hz, 500VA
	Temperature	15℃～30℃
	Water Consumption	Deionized water: 10L/H
	Humidity	40%～85%
Size & Weight	Size (W*D*H)	1170*775*1145mm
	Net Weight (kg)	190
	Package Size (W*D*H)	1348*928*1377mm
	Gross Weight (kg)	257