

IN-VITRO DIAGNOSTIC MEDICAL DEVICES

AUTO CHEMISTRY ANALYZERS



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ANALYTICAL EXCELLENCE...

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Auto Chemistry Analyzer MA-280

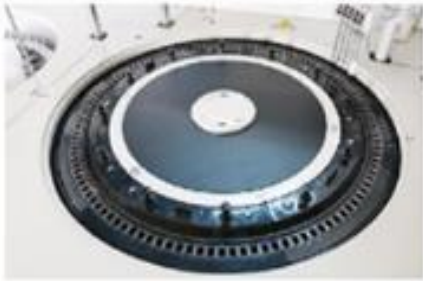
FEATURES:

- 49 Sample positions
- 56 Reagent positions
- 120 Reaction cuvettes
- 200 tests per hour
- Teflon coating, probe anti-collision function, liquid level detection function



MA-280-03

Reaction tray
37°C±0.2°C, real-time monitor



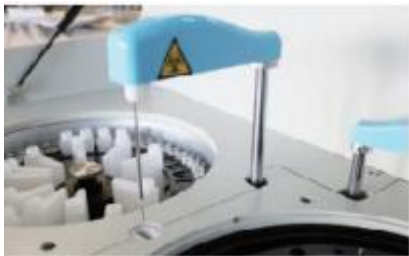
Reagent tray
2~8°C cooling for 24 hours



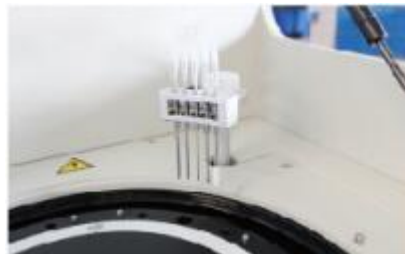
Mixer Probe
Teflon coating to avoid cross contamination



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



Washing Probe
Independent 5-step washing system



Software
User-friendly software

MODEL SPECIFICATIONS:

Model	MA-280	
Overall Performance	Throughput	Constant speed 200 tests/hour, Max. speed 280 tests/hour
	Analysis Method	End-point, Fixed-time, Rate (Kinetic)
	Certification	CE, FDA, ISO9001, ISO14001, ISO13485
Sample & Reagent System	Sample Positions	49 sample positions
	Reagent Positions	56 reagent positions
	Sample Volume	2~70µl
	Reagent Volume	20~350µl
	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	37°C±0.2°C
	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 lamp
	Spectrophotometry	Post-spectral spectrophotometry
	Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
	Absorbance	0~3.0 Abs

Calibration and QC	Calibration	Linear: K factor, 1-point, 2-point and multi-point 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, 300W
	Temperature	15°C~30°C
	Water Consumption	Deionized water: 5L/H
	Humidity	40%~85%
Size & Weight	External Size (W*D*H)	950*603*510mm
	Net Weight (kg)	65
	Package Size (W*D*H)	1085*700*1012mm
	Gross Weight (kg)	140