

# AUTO CHEMISTRY ANALYZER ANA81-800



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Auto Chemistry Analyzer used to measure different chemicals and clinical chemistry of human biological samples. Used in Research, Hospital, Clinical chemistry, Laboratory, Pharmaceutical.  
Also known as Routine biochemistry analysers.

## ANA81-800 AUTO CHEMISTRY ANALYZER

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



## SPECIFICATIONS

Model	ANA81-800
Overall Performance	
Throughput	800 Tests/hour, 1200Tests/hour with ISE(Optional)
Analysis Method	End-point, Fixed-time, Rate(Kinetic)
Certificates	CE, FDA, ISO9001, IS013485
Sample & Reagent System	
Sample Positions	150 sample positions
Reagent Positions	180 reagent positions
Sample Volume	1~70 µl
Reagent Volume	10~350 µl
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 reusable cuvettes, optical length 6mm
Mixer Probe	Independent stirring
Washing	Automatic cuvettes washing
STAT Function	YES
Optical System	
Light Source	12 V/20 W halogen lamp/fiber bragg grating optional
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	12 wavelengths from 340~800nm
Absorbance	0~3.5 Abs
Calibration & 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	AC220 V±10% 50/60 HZ, 110 V±10% 60 Hz, 1500 W
Temperature	15~30°C (±2°C)
Water Consumption	Deionized water: <25L/H
Humidity	40%~85%
Size & Weight	
External Size (W*D*H)	1360x795x1155 mm
Net Weight	290 kg
Package Size (W*D*H)	1718x958x1427 mm
Gross Weight	400 kg



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