

# AUTO CHEMISTRY ANALYZER ANA81-400



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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.

## ANA81-400 AUTO CHEMISTRY ANALYZER

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



### SPECIFICATIONS

Model	ANA81-400
Overall Performance	
Throughput	400 Tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic)
Certificates	CE, FDA, ISO9001, ISO13485
Sample & Reagent System	
Sample Positions	60 or 90 sample positions, built-in barcode system available
Reagent Positions	90 refrigerated reagent positions
Sample Volume	1~70 $\mu$ l
Reagent Volume	10~350 $\mu$ l
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	2~8 $^{\circ}$ C
Reaction System	
Temperature Control	37 $\pm$ 0.1 $^{\circ}$ C, real-time monitoring
Cuvettes	120 reusable cuvettes, optical length 6mm
Mixer Probe	Independent stirring
Washing	Automatic cuvettes washing
STAT Function	YES
Optical System	
Light Source	12 V/30 W halogen-tungsten lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800 nm
Absorbance	0~3.5Abs
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	TCP/IP Network interface
Printer	External, multiple reporting mode available
Working Conditions	
Power Supply	220 V±10% 50/60 HZ, 110 V±10% 60 Hz, 500 VA
Temperature	15~30°C
Water Consumption	Deionized water:10 L/h
Humidity	40%~85%
Size & Weight	
External Size (W*D*H)	1170x775x1145 mm
Net Weight	190 kg
Package Size (W*D*H)	1348x928x1377 mm
Gross Weight	257 kg



**Biozef**

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