

300T/H Automatic Chemistry Analyzer

AST-310



Features

1. 49 sample positions.
2. 56 reagent positions.
3. 120 reaction cuvettes.
4. 300 tests per hour.
5. Probe with anti-collision function, liquid level detection function.

Technical parameters

Overall Performance	Throughput	300 Tests/hour, 1SE(Optional)
	Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
	Certificates	CE, FDA, ISO9001, ISO14001, ISO13485
	System	Optional open or close system, continuous working for 24 hours

Sample & Reagent System	Sample Positions	49 sample positions
	Reagent Position	56 reagent positions
	Sample Volume	2-70 μ L
	Reagent Volume	20-350 μ L
	Probe	With anti-collision function, liquid level detection function
	Probe Washing	Automatic washing interior and exterior
	Reagent Cooling	2~12 $^{\circ}$ C for 24 hours
Reaction System	Temperature Control	37 \pm 0.2 $^{\circ}$ C, real-time monitoring
	Cuvettes	120 reusable cuvettes
	Mixer Probe	Independent stirring, automatic frequency conversion
	Washing	Automatic cuvettes washing
Optical System	Light Source	Halogen lamp, water-cooling
	Spectrophotometry	Post-spectral spectrophotometry
	Wavelength	340~700nm
	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 7/8/10,32or 64bit
	Ls System	Bi-direction,support HL7 protocol
	Interface	LAN port access
	Printer	External,multiple reporting mode available
Working Conditions	Power Supply	AC220V \pm 10%,50/60Hz(Standard),110V \pm 10% 60Hz(Optional),350VA
	Temperature	15~30 $^{\circ}$ C (\pm 2 $^{\circ}$ C)
	Water Consumption	Deionized water<5L/h
	Humidity	10~85%
Size & Weight	External Size (W*D*H)	873*585*500mm
	Net Weight	80kg
	Package Size (W*D*H)	1130*735*1040mm
	Gross Weight	125kg