



AXIOM ABC 400

Fully Automated Bio Chemistry Analyzer



Fully Automated Chemistry Analyzer
Floor model, Compact design, Quick Analysis
Throughput 480 test /hour

Easy to operate, Smart system

2 Independent Probes, 1 for Sample & 1 for Reagent

2 Independent Mixers to avoid carry over & cross contamination

Technical specification:

System	- Random access, Discrete, Floor model	Optical system	- Array- type rear-optical and photo-electric detection system 8 wavelengths (300-700nm) can expanded Abs Range:0-5 Abs
Throughput	- 480 test /hr	Light source	- 12v,20w Halogen Tungstan lamp
Samples	- 100 samples positions (Sample, QC, STAT) Sample volume - 2-50µl, 0.1µl	QC/Calibration	- Tri-level QC All calibration modes including Multipoint calibration modes
Reagents	- 80 reagent positions Reagent Volume-10 - 300µl 24-hour refrigeration(2-8 C)	Operating System-	Windows 7 & above
Probe system	- 2 Independent Probes, 1 for Sample & 1 for Reagent 2 Independent Mixers	Power supply	- AC220+ _10% 50HZ 800VA
Laundry system	-Adopt 8-stage 16 brittle cleaning technology Water Consumption-8 Lit/hr	Dimension	- 980*820*1180mm(length*width*height)
Detection system-	80 cuvettes	Weight	- 168Kg

- **Wide range of Clinical Chemistry Reagent**
- **Liquid Stable Systempak.**
- **Packsizes option suitable to meet customer needs**
- **Good Onboard Stability of Systempak**



Axiom ABC 400 is Fully Automated Chemistry Analyzer with 480 test/ hour throughput, high performance suitable for mid-size & high workload laboratories.



Sample/Reagent Tray

- 80 Reagent Positions (R1 &R2)
- 100 sample positions-(sample/QC/STAT)
- Sample position capable of loading sample cups & primary tubes
- Onboard Refrigeration facility (2-8)°C for Reagent & Samples



Sample / Reagent Probe

- 2 Independent probes for reagent & sample
- Liquid level detection
- Vertical probe anti-collision prevention
- Water consumption - 8L/hr



Mixer Assembly

- Teflon coated Mixers
- 2 Independent Mixers for high accuracy & precision



Laundry System

- Adopt 8 stage 16 brittle technology
- Deep needle outer wall nano light treatment, inner wall with PTEE coating, three dimensional thick vortex cleaning.
- Automatic cuvette dry facility
- Water consumption - 8L/hr

Detection & Optical System

- Optical sources- Halogen Tungsten Lamp
- 8 wavelengths (300-700nm) can expanded
- 80 Reaction cuvettes
- Absorbance Range : 0-5.0 Abs





QC & Calibration

- Multi QC function
- LJ plots & Westgard rules available
- Optimum calibration curve
- Multi point - Linear, Non- linear Calibration Method

Software system

- User convenient software
- Online monitoring of reagent volume
- Online reaction curve monitoring



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