

Chemistry Analyzer

CHA - 120



- Bench top, Floor Model optional
- Throughput: Random access, 120T/H (constant speed)
- Probe, sample & reagent position: 2 probes, 40 sample positions, 40 reagent positions and 60 cuvettes
- Cooling system: On board cooling by ON/OFF switch
- Washing and optional system: 8 steps washing and 9 wavelengths



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Chemistry Analyzer

Specifications

Assay method: End Point, Kinetic, Fix time etc.

Principle: Photoelectric colorimetry

Light Source: Halogen-Tungsten lamp with long life

Photometry range: 0~4.0Abs

Wavelength: 9 long life wavelengths in 300nm to 700nm range with ± 2 nm precision

Throughput: 120 tests per hour

Probes: 2 probes. Reagent dispense and Sample mixing.

Reagent tray: 40 reagent positions, 10~400ul, with 1ul increment

Sample tray: 40 sample positions, including standard, QC, STAT positions, 2~50ul, with 0.1ul increment

Reaction tray: 60 reusable reaction cuvettes

Refrigeration: On board cooling for Reagents, Samples, Calibrators, Standards, Controls with ON/OFF Switch

Minimum reaction volume: 150ul

Clean unit: 8-step auto-washing system

Water Consumption: Less than 2L/hour under working status

Quality Control: Quality Control program with Levy Jennings, Multiple lots, QC charts, etc.

Temperature control: incubator $37 \pm 0.1^\circ\text{C}$

Power supply: AC 220V, 50Hz

Dimension: 560 mm x 410mm x 360 mm

Weight: 30Kgs.

Features

High accurate optical system

24 hour non-stop cooling system to ensure reagent at $2-8^\circ\text{C}$

Collision protection in both vertical and horizontal directions, stop & alarm automatically

Automatic eligible cuvettes detection & selection

Select best test point by reaction curve, create new factor automatically

Support LIS interface