NP-120C

Auto Chemistry Analyzer

Approved technical edition



120	40	80
Tests/hour	Sample positions	Reagent positions

Technical Specifications - Part 1

NP-120C | Approved specifications

Machine type	Random access, open reagent & locked reagent (optional)
Test speed	Constant 120 tests/hour (mono reagent or double reagent); colorimetric method; turbidimetry
Test principle	Colorimetric method; turbidimetry
Test method	1-point end; 2-point end; Fixed-Time; Kinetics
Data processing	Automatic calibration; test combination; effective time management of reagents; serum index; whole-process detection; linear expansion of enzyme; blank deduction; dirty cuvette memory; cross-infection prevention; patient information memory and association input; automatic report and audit; data fuzzy query; report statistics and printing; reference-range grading; alarm-information classification; user-operation privilege classification management.
Calibration type	Linear & nonlinear
Sample tray	40 sample positions
Sample tube	Micro cup, test tube & blood collection tube can be used; (1213-) mm × (25-100) mm
Sample volume	230-µL, step by 0.1 µL
Sample probe	Liquid surface detection; timely tracking for liquid volume; collision avoidance
Sample barcode	Sample barcode reader (optional)
Report printing	6 formats optional; support custom pattern

Technical Specifications - Part 2

NP-120C | Approved specifications

Reagent tray	80 reagent positions (40 for R1 & 40 for R2); non-stop cooling system with Peltier pad inside; 24 hours at 2°C
Reagent volume	20300-µL, step by 1 µL
Interface	TCP/IP network interface
Reaction time	10 minutes
Temperature	Peltier pad incubation system; reaction temperature 37°C ± 0.1°C
Light source	Halogen lamp
Wavelength	340 nm; 405 nm; 450 nm; 505 nm; 546 nm; 578 nm; 630 nm; 700 nm (4 more options)
Absorbance	0-4.0 Abs
Resolution	0.0001 Abs
Mixer	Paddle-type mixing; effective reduction of carry-over
Power supply	AC 110/220V ± 10%, 50/60 Hz, 650W
Water consumption	2.5 L/hour (maximum)
Dimensions	750 mm × 535 mm × 475 mm (L × W × H)
Weight	45.4 kg