NP-245C

AUTO CHEMISTRY ANALYZER

200 Tests / H | DOUBLE REAGENT



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TECHNICAL SPECIFICATIONS

NP-245C • Technical Specifications • Part 1 of 2

Machine type	Random access, open reagent & locked reagent (optional)
Test principle	Colorimetric method, turbidimetry
Test method	1 point end, 2 point end, Fixed-Time, Kinetics
Test speed	Constant 200 tests/hour (Mono reagent or double reagent)
Calibration type	Linear & nonlinear
Reagent tray	80 reagent positions (40 for R1 & 40 for R2), Non-stop cooling system with peltier pad inside, 24 hours 2°C -14°C, open system, could accept any reagent.
reagent needle	150µl-330µl
Reagent volume	44 reaction cuvettes, new amorphous optical plastics reaction cups, perfect transmittance.
reagent barcode	Regent barcode reader (optional).
Sample volume	2-30µL, step by 0.1µL
Sample tray	40 sample positions
Sample probe	Liquid surface detection, timely tracking for liquid volume Collision avoidance. Sample barcode reader (optional)
Sample tube	Micro cup & test tube & blood collection tube can be used, (12-13)mm * (25-100)mm
Sample barcode	Liquid surface detection, timely tracking for liquid volume Collision avoidance.
Reaction tray	44 reaction cuvettes, new amorphous optical plastics reaction cups, perfect transmittance.
Reaction time	10 minutes

TECHNICAL SPECIFICATIONS

Reaction volume	150µl-330µl
Temperature	Peltier pad incubation system, reaction temperature (37°C ± 0.1°C)
Report printing	Colorimetric method, turbidimetry
Operation system	Random access, open reagent & locked reagent (optional)
Data processing	Constant 200 tests/hour (Mono reagent or double reagent)
Resolution	Micro cup & test tube & blood collection tube can be used, (12-13)mm * (25-100)mm
interface	1 point end, 2 point end, Fixed-Time, Kinetics
Resolution	0.0001 Abs
Light source	Halogen lamp
Mixer	paddle-type mixing, effective reducing of carry-over
Power supply	AC 110/220V ± 10%, 50/60 Hz, 650W
Wavelength	340nm; 405nm; 450nm; 505nm; 546nm; 578nm; 630nm; 700nm (4 more options)
Absorbance	0-4.0 Abs
Water consumption	8 L/hour (maximum)
Weight	45.4 Kg
Dimension	L:745mm W:540mm H:530mm