



Where elegance, quality and technology meets

Auto Chemistry Analyzer

Catalog No.: ADX-AUTOCHEM-200



MULTIFUNCTIONAL & PRECISE SAMPLING PROBE

- Mirror polished surface with external & internal probe washing
- Multifunctional probe with highly sensitive liquid level sensor
- Timely feedback on reagent & sample residuals
- Collision detection with automatic probe depth adjustments



EXCELLENT MIXER DESIGN

- Teflon coated mixer for effective reducing of carry over
- Paddle type mixing for gentle & efficient mixing



HIGH PRECISION CERAMIC SYRINGE

- Permanent ceramic piston
- Accurate dispense volume as low as 0.1 μ l



REAGENT & SAMPLE TRAY

- Reagent positions - 80
- Sample positions - 40 (standard tube & micro cup compatible)
- Onboard Peltier cooling system



REACTION TRAY

- Reaction cuvettes - 44
- Minimum reaction volume - 150 μ l
- Stable reaction temperature
- Washing: 2 * 4 steps

Specifications

Machine type	Random access, Closed/Open system
Test speed	Constant 200 tests/hour (Mono reagent or Double reagent)
Test principle	Colorimetric method, Turbidimetry
Test method	1 point end, 2 point end, Fixed-Time, Kinetics
Calibration type	1 Point Linear (Factor Mode), 2 Point Linear, Multi Point Linear & Spline
Sample tube	Micro cup, test tube & blood collection tube can be used (Φ 12 -13) mm * (25 – 100) mm
Sample volume	2-30 μ l, step by 0.1 μ l
Reagent tray	Non-stop cooling system with peltier pad inside, 24 hours 2 °C - 14 °C
Reagent volume	20-300 μ l, step by 1 μ l
Reaction tray	44 reaction cuvettes, new amorphous optical plastics reaction cups
Reaction volume	150 μ l - 350 μ l
Reaction time	10 minutes
Temperature	Peltier pad incubation system, Reaction temperature (37 °C \pm 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 range	0 - 4.0 Abs
Resolution	0.0001 Abs
Operation system	Windows 8, Windows 10, Windows 11
Interface	TCP/IP network interface
Power supply	AC 110/220V \pm 10%, 50/60 Hz, 650W
Water consumption	8 L/hour (maximum)
Dimension	780 mm x 565 mm x 1120 mm (LxWxH)
Weight	140 kg