



CORMAY



ACCENT S120

Intelligent Multi-Patented Chemistry Analyzer
Test Results You Can Trust



**CORMAY
DIAGNOSTICS**

The lifeline to better health

ACCENT S120

Measurably Better Healthcare Value

- ▲ 46 parameters + 3 ISE (optional) ▲ Closed system with 3 open channels
- ▲ Only 100 µl min. reaction volume ▲ Sample carry-over rate ≤ 0.05%

Technical Specification

General performance

- **Model:** fully automated, discrete, random access, bench-top, STAT sample priority.
- **Throughput:** up to 200 T/H* & up to 400 T/H* with ISE
- **Analysis method:** End-point, fixed-time, kinetic, ion selective electrode (optional).

Reagent and sample handling

- **Sample tray:** 40 positions (option to extend up to 80 positions) in 24-hour refrigerated compartment.
- **Reagent tray:** 40 positions in 24-hour refrigerated compartment.
- **Sample volume:** 2-45 µl, step by 0.1 µl.
- **Reagent volume:** 10-250 µl, step by 0.5 µl
- **Reagent/Sample probe:** liquid level detection, vertical collision protection, inventory checking, reagent pre-warming.
- **Probe cleaning:**
 - ✓ Automatic washing for interior and exterior.
 - ✓ Sample carry-over rate ≤ 0.05%.
- **Built-in barcode reader** capable to communicate with LIS in bi-directional mode.

Reaction system

- **Reaction cuvettes:** 40 disposable cuvettes (8 x 5-cuvette segments).
- **Reaction volume:** 100-360 µl.
- **Mixing unit:** independent mixing bar.
- **Water consumption:** ≤ 3 L/H.

Optical system

- **Light source:** halogen-tungsten lamp.
- **Absorption range:** 0-4.0 Abs.
- **Photometric unit:** filter wheel with 8 wavelengths (340 nm, 405 nm, 450 nm, 510 nm, 546 nm, 578 nm, 630 nm, 670 nm).

ISE module

- **Optional measuring:** K⁺, Na⁺, Cl⁻.

Control and calibration

- **Calibration modes:** K factor, Linear (two points and multi-points), Non-linear (Logit-Log 4P, Logit-Log 5P, Spline, Exponential, Polynomial, Parabola).
- **Control rules:** Westgard multi-rules, Cumulative sum check, Twin-plot, Levey-Jennings.

Working conditions

- **Power supply:** 220V-240V, 50/60Hz, ≤ 1000VA or 110V/115V, 60Hz, ≤1000VA.
- **Software:** Windows 10 (64 bit).

Physical dimensions

- **Dimension (mm):** ≤ 695 L x 585 D x 600 H.
- **Weight (kg):** ≤ 130.

*Theoretical value

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