

Clinical Chemistry Analyzer BS-240

Clinical Chemistry Analyzer

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Product Description

BS-240 Clinical Chemistry Analyzer "CUTE" Chemistry Solution System function Automatic, Discrete, Random Access, Bench-top STAT sample priority Throughput: Up to 200 tests/hour, up to 400 tests/hour with ISE Measuring principles: Absorbance photometry, Turbidimetry, Ion Selective Electrode technology Methodology: End-point, Fixed-time, Kinetic, optional ISE, Single/Dual/ reagent chemistries, monochromatic / bi-chromatic Original system pack reagent ready to use Close system and open system is optional Reagent/Sample Handling Reagent/Sample tray: 80 positions for reagents and 40 positions for samples in 24-hour refrigerated compartment (2~12?) Reagent volume: 10~250?l, step by 0.5?l Sample volume: 2~45?l, step by 0.1?l Reagent/Sample probe: Liquid level detection, vertical collision protection and inventory checking, reagent pre-warming Probe cleaning: Automatic washing for interior and exterior Carry over < 0.05% Automatic sample dilution: Pre-dilution and post-dilution Internal bar code reader (optional) Used for sample and reagent programming Be applicable to various bar code systems of Codabar?ITF (Interleaved Two of Five)?code128?code39?UPC/EAN? Code93 Capable to communicate with LIS in bi-directional mode Reaction System: Reaction rotor: Rotating tray, containing 40 cuvettes Cuvette: Reusable, optical length 5mm Reaction volume: 100~360?l Operating temperature: 37? Temperature fluctuation: ± 0.1 ? ISE Module (optional) Measuring K⁺, Na⁺, Cl⁻Mixing Unit Mixing Unit Independent mixing bar Cuvette Washing: Washing station with pre-warmed detergent and water Optical System Light Source: Halogen-tungsten lamp Wavelength: 8 wavelengths, 340nm?405nm?450nm? 510nm?546nm?578nm?630nm?670nm Absorption range: 0~4.0 Abs (10mm conversion), resolution 0.0001Abs Stray Light 5.6Abs Control and Calibration Calibration modes: Linear (one point, two points and multi-points), Logit-Log 4P, Logit-Log 5P, spline, exponential, polynomial, parabola Control Rules: X-R, L-J, Westgard multi-rule, Cumulative sum check, twin plot Operation Unit Operation system: Windows 8 Interface: RS-232 Working Conditions Power Supply: 200~240V, 50/60Hz, ?1000VA or 100~130V, 60Hz, ?1000VA Dimension: 690 mm (length) x580 mm (depth) x595 mm (height) Weight: 79 kg Water Consumption: ? 4 L/H
