

BS-380

Chemistry Analyzer

Technical Specifications

System Function:

Fully automated, Discrete, Random access for routine, STAT, Urine and homogeneous immuno assays;
STAT sample priority

Throughput: 300 tests / hour, up to 450 tests / hour with ISE

Measuring principles:

Absorbance photometry, Turbidimetry
End-point, Fixed-time, Kinetic, optional ISE
Single / Dual reagent chemistries, monochromatic / bichromatic
Linear / non-linear calibration

Programming: User defined profiles and calculation

Sample Handling:

Sample tray: 75 positions for primary or secondary tubes and sample cups

Sample volume: 2~45µl, step by 0.1µl

Sample probe: Liquid level detection, vertical and horizontal collision protection, Clot detection function (Optional)

Probe cleaning: Interior and exterior automatic washing
Carry-over < 0.1%

Automatic sample dilution: Pre-dilution and post-dilution ratio up to 1:150

Dilution vessel: Cuvette

Internal Bar Code Reader (optional):

Used for sample and reagent programming; applicable to various bar code systems including Codabar, ITF, Code128, Code 39, UPC / EAN, Code 93, Bi-directional LIS interface

ISE Module (optional):

Optional selection of K⁺, Na⁺, Cl⁻

Throughput: Up to 225 tests per hour

Reagent Handling:

Reagent tray: 60 positions in refrigerated compartment (2~8°C)

Reagent volume: R1: 150~350µl, step by 1µl;

R2: 20~200µl, step by 1µl;

Reagent probe: Liquid level detection, vertical and horizontal collision protection

Probe cleaning: Interior and exterior automatic washing
Carry-over < 0.1%

Reaction System:

Reaction rotor: Rotating tray, 72 cuvettes with automatic washing

Cuvette: Optical length of 5mm

Reaction volume: 150~360µl

Operating temperature: 37°C

Temperature fluctuation: ±0.1°C

Mixing system: Integrated mixers system

Optical System:

Light Source: Halogen-tungsten lamp

Photometer: Reversed optics, grating photometry

Wavelength: 340nm, 380nm, 412nm, 450nm, 505nm, 546nm, 570nm, 605nm, 660nm, 700nm, 740nm, 800nm

Absorbance range: 0~3Abs

Resolution: 0.001Abs

Control and Calibration:

Calibration mode: Linear (one-point, two-point and multi-point), Logit-Log 4P, Logit-Log 5P, Spline, Exponential 5P, Polynomial 5P, Parabola
Control rules: Westgard multi-rule, Cumulative sum check, Twin plot

Operation Unit:

Operation system: Windows® XP Professional/Home SP2 or above
Windows® Vista Home/Business, Windows® 7

Interface: RS-232

Working Conditions:

Power Supply: AC 100~240V, 50 / 60Hz, 1000VA

Temperature: 15~30°C

Humidity: 35~85%

Water consumption: 10L/hour

Dimension: 990mm x 693mm x 1135mm (WxDxH)

Weight: 200 Kg



BS-380

Chemistry Analyzer



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China

Di Import oleh : PT. Mindray Medical Indonesia
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Chemistry Analyzer

Model: BS-380

SN



WS-92003565



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100-240V ~ 50/60Hz 1000VA

Made In China

IVD



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