

Semi-Auto Chemistry Analyzer



Technical Specifications:

Principles

ALT, AST, ALP, ACP, GGT, α -HBDH, LDH, CK, AMY, TG, TC, HDL-C, UA, UREA, Cr, Glu, TP, Alb, T-bil, D-Bil, TBA, NH_4^+ , HCO_3^- , Ca, Mg, Cl, Na, K, apoA1, apoB, Lp (a), C3, C4, IgG, IgA, IgM, HbA1c, Alcohol, Amphetamines, Barbiturates, Benzodiazepine etc.

Analysis Method

Endpoint, with or without reagent blank
Endpoint, with sample blank and reagent blank
Kinetics, with or without reagent blank
Two-point Kinetics/Fixed-time, with or without reagent blank
Absorbance
Turbidimetry
Linear and non-linear calibration

Light Source

Tungsten-halogen lamp 6V/10W

Wavelength Range

Hard coated filters to minimum stray light and light attenuation
8 standard filters: 340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 630nm and 670nm. Bandwidth < 8nm
Stray light: < 0.1% @ 340nm

Photometric Range

0~3.5 ABS
Stability: < 0.005A / 20min @ 340nm

Flowcell

Stainless steel with quartz window
Measuring volume: 32 μL
Optical path: 10mm
Aspiration volume programmable: 200~9000 μL

Input

Touch screen with touch pen and popup keypad
Mouse or Keyboard via USB

Model : BA-88A

Temperature Control

By means of Peltier elements
Room temperature, 25°C, 30°C and 37°C

Storage

More than 3000 sample results
More than 1000 QC results

Printer

Built-in thermal printer
Support HP series

Interface

RS232 serial port supporting data transmission
USB port (2.0) for keyboard, mouse, printer

Operating Environment

Temperature: 15°C~30°C
Humidity: 35%~85%, no condensation

Power Requirement

Wide power supply: AC 100-240V, 50 / 60Hz

Dimension

430mm x 360mm x 170mm (L x W x H)

Weight

6.8 Kg

Mindray Building, Keji 12th Road South,
High-tech Industrial Park, Nanshan, Shenzhen 518057, P.R. China
Tel: +86 755 8188 8998 Fax: +86 755 26582680
E-mail: intl-market@mindray.com www.mindray.com

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