



SEMI AUTO CHEMISTRY ANALYSER BA-88

The new model of semi-automatic chemistry analyzer BA-88A, which is equipped with up-to-date technologies and superior performances. Comprehensive yet straightforward software, accompanied with a true-colored touch-screen, makes operation of the instrument convenient.

The new features and the main benefits of BA-88A include:

- 7.0" TFT touch screen & popup keypad
- Test mode: flowcell or cuvette
- Support Bi-chromatic tests for End point, Fixed-time, Kinetics methods
- External keyboard or mouse support via USB
- User friendly interface and easy maintenance
- Power-failure protection
- Wavelengths range 340 to 670nm



Technical specifications

TESTING ITEM:

- ALT, AST, ALP, ACP, GGT, α -HBDH, LDH, CK, AMY, TG, TC, HDL-c, LDL-c, UA, UREA, Cr, Glu, TP, Alb, T-Bil, D-Bil, TBA, NH_4^+ , CO_3^- , Ca, Mg, Cl, Na, K, apoA1, apoB, Lp(a), C3, C4, IgG, IgA, IgM, HbA1c, Alcohol, Amphetamines, Barbiturates, Benzodiazepine etc.

ANALYSIS METHOD:

- End point, with or without reagent blank
- End point, with sample blank and reagent blank
- Kinetic, with or without reagent blank
- Two point kinetic / fixed time, with or without reagent blank
- Absorbance
- Turbidimetry
- Linear and non-linear calibration

LIGHT SOURCE:

- Tungsten-halogen lamp 6V/10W

WAVELENGTH RANGE:

- Automatic by 8 position filter-wheel
- 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

TEMPERATURE CONTROL:

- By means of Peltier elements, room temperature, 25 $^{\circ}\text{C}$, 30 $^{\circ}\text{C}$ or 37 $^{\circ}\text{C}$

MEMORY:

- No less than 3000 sample results, No less than 1000 QC results





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PRINTER:

- Built-in thermal printer
- Supporting HP series

INTERFACE:

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

OPERATING ENVIRONMENT:

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

POWER REQUIREMENT:

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

DIMENSIONS / WEIGHT:

- 430mm×360mm×170mm L×W×H
- 6.8kg

Standard Configuration

The standard configuration of BA-88A includes a main unit (with 8 filters and a flowcell module) and necessary accessories for installation.

The main benefits of new BA-88A are its capability to support: two testing modes (flowcell or cuvette), Bi-chromatic measurements for all tests, and external mouse/keyboard via USB, with a modern-designed operational touch-screen.