

BA-88

Semi-Auto Chemistry Analyzer

Specifications

LIGHT SOURCE

Quartz-halogen lamp 12V/20W

WAVELENGTH RANGE

Automatic by 8 positions filter-wheel
7 standard filters: 340, 405, 492, 510, 546, 578, 630nm,
1 position free for optional filter
Bandwidth < 8nm
Stray light: < 1.0% @ 340 nm

PHOTOMETRIC RANGE

0.0000 to 3.0000 ABS
Resolution: 0.0001 ABS
Stability: 0.002 A/hour

FLOWCELL

Stainless steel with quartz window
Measuring volume 32 uL
Optical path 10mm
Aspiration volume programmable: 200 - 2000 uL

ANALYSIS METHOD

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

PARAMETER SETTINGS

Method
Wavelength
Temperature
Reagent blank y/n
Sample blank y/n
Lag time
Measurement time
Reaction type

Absorbance limit
Aspiration volume
Standards
Linearity check
Unit for results

MEMORY

3200 sample results

TEMPERATURE CONTROL

By means of Peltier elements
25, 30, 37 °C ± 0.1 °C

INPUT

Touch screen

DISPLAY

Large LCD display

PRINTER

Built-in thermal printer

INTERFACE

RS232 serial port

OPERATING ENVIRONMENT

Temperature: 15 °C ~ 30 °C
Humidity: 20% ~ 80%

POWER REQUIREMENT

AC 220V ± 10%, 50/60Hz
AC 110V ± 10%, 50/60Hz

DIMENSION

420mm(H)x380mm(W)x170mm(D)

WEIGHT

7.5kg



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