

NB-201D

Semi-auto Chemistry Analyzer

Specifications

- **LIGHT SOURCE:** Quartz-Halogen lamp 12V/20W
- **WAVELENGTH RANGE**
Automatic by 7 positions filter-wheel
7 standard filters: 340nm, 405nm, 492nm, 510nm, 546nm, 578nm, **670nm**,
Half bandwidth: < 8 nm
Stray light : < 0.3% at 340nm
- **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 μ L
Optical path 10mm
Aspiration volume programmable : 200~2000 μ L
Carryover < 0.5%
- **ANALYSIS METHOD**
End point , with or without reagent blank
End point ,with sample bland, 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
Mono and Bichromatic readings are possible.
- **INPUT**
Large Colour LCD Touch-Screen 7.0" TFT

- **MEMORY**
112 test profiles
up to 100,000
Up to 210 open programs
- **PARAMETER SETTINGS**
Method
Wavelength
Temperature
Reagent blank y/n
Sample blank y/n
Lag time
Measurement time
Reaction time
Absorbance limit
Aspiration volume
Standards
Linearity check
Unit for results
- **TEMPERATURE CONTROL**
By means of Peltier elements
25°C, 30°C, 37°C $\pm 0.1^\circ\text{C}$
- **PRINT:** Built-in thermal recorder
- **INTERFACE:** RS-232 serial port
Input/Output: USB port can be used to upgrade software ver:
Printout: Built-in thermal recorder
Display: Large color LCD display, 7.0" TFT, Resolution
- **OPERATING ENVIRONMENT**
Temperature : 10°C ~30°C
Humidity : $\leq 70\%$
POWER REQUIREMENT
AC 220V / 110V $\pm 10\%$, 50Hz $\pm 2\%$
- **DIMENSION:** 420mm(H) x 380mm(W) x 170mm(D)
- **WEIGHT:** 8.5 kg

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Features

- End point ,kinetics, fixed time absorbance, turbidimetry
- All-in-one optical system, high reliability and anti-interference
- 7 filters (340nm~630nm)
- Reaction curve and QC graph print-out
- Dynamic temperature control of Peltier elements , 25°C , 30°C , 37°C
- Up to 112 test profiles can be programmed
- Memory for 110,000 sample results
- Touch screen , 7.0"TFT, Large color LCD display
- Easy-to-use operation and minimum daily maintenance
- Real-time monitor of reaction curve/data



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