

NB-201D



- New-generation semi-auto chemistry analyzer offering simultaneously :
 - Color LCD Screen
 - Flow Cell
 - Powerful data storage

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, 630nm,

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°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

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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