

Caretium



ISO 13485:2003 (04708Q10000157)
ISO 9001: 2000 (04708Q10163R1S)

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**
26 test profiles
up to 110,000 Sample results
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 210 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

