

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 blank, 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

Type your text

TEMPERATURE CONTROL

- By means of Peltier elements
- 25°C, 30°C, 37°C $\pm 0.1^\circ$ 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 : <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



Kapitol Group International Ltd.

Address: No.154 Xinnan road, Lujhu District , Taoyuan City , Taiwan 338

Tel: +886 33227755 Fax : +886 33214953

Website: www.kapitol-group.com

KGI