Caretium

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

NB-201C

First semi-auto chemistry analyzer

- Able to run HbA1C testing (enzymatic method)
- Routine chemistry
- Flowcell or micro-cuvette

NB-201C

Semi-auto Chemistry Analyzer

Specifications

- **LIGHT SOURCE** : Quartz-Halogen lamp 12V/20W
- **WAVELENGTH RANGE**
  Automatic by 8 positions filter-wheel
  8 standard filters: 340nm, 405nm, 492nm, 5l0nm, 546nm, 578nm, 630nm, 750nm
  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 µL
  Optical path 10mm
  Aspiration volume programmable: 200~3000 µL
  Carryover < 1.0%
- **MICRO CUVETTE IN QUARTZ**
  Measuring volume: at least 250 µL
  Optical path: 10mm
  Carryover: None
  Quartz
- **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
- **MEMORY**
  112 test profiles
  3200 sample results
- **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
  25ºC, 30ºC, 37ºC ±0.1ºC
- **INPUT** : Touch screen
- **DISPLAY**: Large LCD display
- **PRINT** : Built-in thermal recorder
- **INTERFACE** : RS-232 serial port
- **OPERATING ENVIRONMENT**
  Temperature: 10ºC~30ºC
  Humidity: ≤70%
  POWER REQUIREMENT
  AC 220V/110V ±10%, 50Hz ±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
- 8 filters （340-750nm）
- Reaction curve and QC graph print-out
- 01 microcuvette supplied with instrument
- Dynamic temperature control of Peltier elements, 25ºC, 30ºC, 37ºC
- Up to 112 test profiles can be programmed
- Memory for 3200 sample results
- Touch screen, large LCD display

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