



Clinical Chemistry Analyzer

Semi Automated

SCA 1000



NS. BIOTECH
www.nsbiotec.com



ISO
13485

Features :

- Windows CE.NET Operation System and powerful software
- 7" TFT adjustable LCD display, touch screen available (optional)
- Two holder for cuvette/flow cell
- Peltier temperature control
- 8 positions filter wheel ,7 filters in range (340nm-1000nm) plus 1 free position
- measuring End point, Kinetics, Two points Kinetic and Absorbance
- large memory up to 200 test programs and over 100,000 test results



SPECIFICATION :

Optics	340,405,505,546,578,620,670nm, one more optional filter
Light source	Halogen lamp.
Resolution	0.001 Abs
Photometric range	0.000-3.000 Abs
Stability of absorbency	Changes \leq 0.005 Abs per hour
Repeatability	CV \leq 0.5%
Carry Over	\leq 1%
Linearity	r \geq 0.999
Flow cell	30 μ l with peltier temperature control (25,30,37°C)
Memory	200 test programs and over 100.000 test results
Display screen	7" TFT color LCD display, touch screen (optional)
Printer	built-In thermal printer
Data communication	RS-232,SD card and USB
CPU	High speed embedded processor
Power Supply	AC100~250V,50/60 \pm 1Hz
Weight	7 kg
Dimension	420(L) x310(W)x152(H)



- Flow Cell/Cuvette :**
- 30 μ l quartz flow cell
 - Built-in for cuvette/ flow cell
 - Holder for cuvette / flow cell
 - Peltier temperature control



- Powerful Software :**
- Power on self-check and malfunction alarm
 - Lamp automatic protection, user-defined setting time
 - Real time absorbance curve and temperature display
 - Open system for reagent
 - Support on-line printing
 - Multiform report by project, patient or history data
 - Support user-defined template test



- MEASURE SYSTEM :**
- End point,kinetics,two points kinetics and absorbance .
 - Immunity nephelometry measure method .
 - Reagent blank and sample blank .
 - Multi-standards (linear or non-linear) .
 - Memory for reagent blank .
 - Monochromatic & Bichromatic .

- Optional Parts :**
- Keyboard
 - SD Card
 - barcode reader
 - Printer
 - USB Flash Memory