NS BIOTEC

TÜV SOUTHWEST CERTIFIED ISO 13485:2016

Rich Items Testing

CLINICAL CHEMISTRY ANALYZER

SEMI AUTOMATED

SCA 1200

7” | LCD display touch screen

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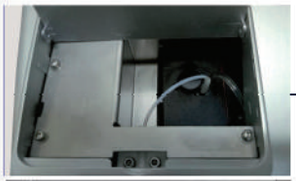
CLINICAL CHEMISTRY ANALYZER

General Features:

- Operation System and powerful software.
- 7" TFT LCD display, touch screen.
- Two holder for cuvette/flow cell.
  Peltier temperature control.
- 8 filters in range (340nm-800nm) .
- Measuring End point, Fixed time, Kinetic, dual wavelength and Absorbance.
- Large memory up to 300 test programs and 30,000 test results.

Specifications

Optics	340,405,492.510,546,578,630,700nm, one more optional filter
Light source	Halogen lamp,long life with auto sleep function.
Resolution	0.001 Abs
Photometric range	0.3 - 4.0 Abs
Stability of absorbency	≤0.005 Abs / 20 min
Repeatability	CV≤ 1.0%
Carry Over	≤1.0 % (fixed cuvette is inapplicable)
Wave length accuracy	+2 nm
Flow cell	10 mm quart cell ,32 µl volume with peltier temperature control (25,30,37°C)
Memory	300 test programs and over 30.000 test results
Display screen	7" color LCD , touch screen
Printer	built-In thermal printer
Data communication	1 parallel port (for external printer) ,LAN port, SDID 3 USB port and PS/2 port (for scanner barcode)
Power Supply	200-240VAC 50/60 Hz
Dimension	362.5 x 341 x 165 mm (length * width * height)

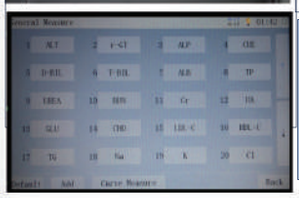


Flow Cell/Cuvette :

- 32 µl quartz flow cell
- Built-in for cuvette/flow cell
- Holder for cuvette/flow cell
- Peltier temperature control

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
- Reagent blank and sample blank .
- Multi-standards (linear or non-linear).
- Memory for reagent blank .
- 300 test programs .

Optional Parts: · Keyboard · Printer · barcode reader

Some of the illustrations in this publication include the special accessories; we reserve the right to make changes in technical specification dimension without prior notice

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