SANYMED
DIAGNOSTICS

Automatic

BIOCHEMISTRY ANALYZER

SA-2000

MADE in ITALY

- Easy To Use
- No Maintenance
- High Performance
- Short Start-up Time
- Low Water Consumption
- Small Waste Volume

Member of CISQ Federation
RINA
CERTIFIED MANAGEMENT SYSTEM
ISO 9001 - EN ISO 13485

CE

www.sanymed.it

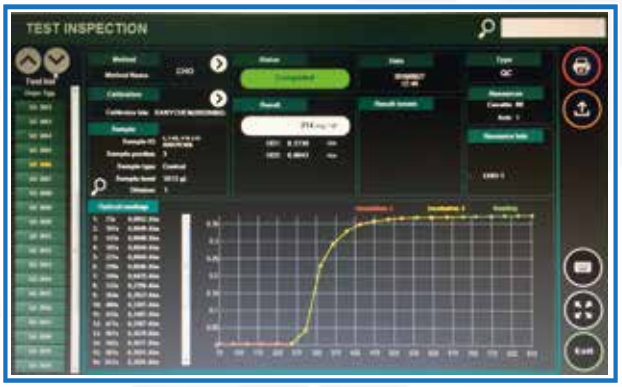
CLINICAL CHEMISTRY REAGENTS MANUFACTURER

SANYMED DIAGNOSTICS

Automatic

BIOCHEMISTRY ANALYZER SA-2000

MADE in ITALY



Technical Parameters:

- **SIZE / WEIGHT** Height: 364 mm Depth: 600 mm Width: 370 mm Weight: 20 kg
- **POWER SUPPLY** 240 / 100 Vac, 50 / 60 Hrz, single phase with ground; Fuse compartment / fuses: 2 Amp @ 230 Vac, 4 Amp @ 115 Vac
  Power consumption: less than 100 VA (external PC excluded)
  Ground resistance: less than 0.1 Ohm
  Leakage current: less than 2.5 mA
- **SAMPLING ARM** 1 sampling needle, 75 mm needle stroke; Capacitive liquid level detector
- **DILUTER SYRINGE** Long life plunger Syringe capacity, 500 µl; Syringe resolution, 0.096 µl
- **HYDRAULIC SYSTEM** 3 self-priming peristaltic pumps (life 1000 hrs) with replaceable neoprene cassette (life 500 hrs); Pinch valve; Containers: Water*, 5l; Waste, 5l *equipped with level sensor
- **REAGENTS TRAY** Removable rack 20 bottles; Four reagent bottle types: 40 mL , 15 mL, 5 mL tube, 1 mL cup
- **SAMPLES TRAY** Removable tray, 10 numbered positions, tubes of 12 - 13 mm, 5 mL /cups of 0.5-1.5 ml (cups require a metal adapter for level detection); Optional configuration: 10 reagent positions and 20 sample positions
- **CUVETTE ROTOR REACTION CELLS** 4 disposable BIONEX® raction segments, 24 cuvettes per segment, total 96 cuvettes
  Optical path 9.5 mm, 300 to 500 µl reaction volume; 100W heating resistance, temperature sensor
- **OPTICAL GROUP** 1 halogen lamp (6 V, 10 W) with extended UV emission 2 focusing lenses, optical glass. Filter disk: 9 positions provided with 8 interference filters of 340, 405, 505, 546, 578, 600, 650, 700 nm wavelengths and one free position, ±2 nm on peak wavelength, band pass of ±10 nm
- **PHOTOAMPLIFIER** Photoelectric detector signal amplifier; Response range, 340 nm to 900 nm; Photometric range,0 to 2.5Abs Linearity, ±0.5% fullscale; Precision:0.7CV% or 1 mAbs.; Stability:daily reader offset, less than 1% drift per day
- **CONTROL** Real-time multitasking microprocessor based control; Easy access to the electronics
- **EXTERNAL COMPUTER** (Minimum requirements) Intel i3 multithread class CPU, 4 GB ram, monitor with 900 vertical dots re resolution Keyboard and mouse USB port Windows® 7 or 10 with .NET framework 4.6.1 (Optional) touch screen monitor, 1280 x 1024 resolution, LAN port for LIS host communication, external printer A4

CLINICAL CHEMISTRY REAGENTS MANUFACTURER