



Plus Advanced Model Semi Bio-chemistry Analyzer



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Plus Advanced Model Semi Bio-chemistry Analyzer

DS 235



Product Features

Urine Analyzer DS-1000A processes 60 strips per hour in single test mode and over 120 strips per hour in continuous test mode. It can store up to 1000 test results for convenient data retrieval and analysis. Utilizes photoelectric colorimetry to detect light absorbance changes for precise measurements. Includes an automatic urine absorption mechanism to prevent cross-contamination. Our unit is equipped with an LCD screen to facilitate a clear display for easy operation.

- Windows embedded compact 7
- 7-inch true color touch screen (800 x 480 pixels)
- 4 USB Ports & 1 ethernet port
- flow cell & cuvette testing mode
- Universal power supply



Model	DS 235
Photometricmodule	Seven narrowband interface filters filter wavelengths:340,405,505,546,578,630and 670nm(1 open position for optional filter) IAD process ensures long filter life wavelength accuracy:-±siliconphoto diode detector absorbance :0.0001 absorbance unit photometric dift:<5 mAbs/30min cv:<1%
Temperatureif flow cell/ curvette	25°C,30°C,37°temperature stability ±0.2°C
Display	5.7inch LED display screen ,High contrast Display
Keyboard	Tactile touch QWERTY keyboard visual indication during aspiration
Printer	Internal 57mm thermal printer with full graphics printing
Measuringmodule	Dual-mode (flow cell& cuvette) High-quality quartz flow cell for precise measurements 30 flow cell volume peltier-controlled reaction temperature external cuvettes (10mm path length)
Reactionvolume	Minimumaspiration: 300µl, maximum aspiration: 5ml
Dimension	Length: 422mm Height:76mm width :324mm weight :6.5kg
Analysismethod	Endpoint, fixedtime, kinetic sample blanking & reagent blanking, direct absorbance measurement mode
Test profile	User-defined 10 test profile 10 tests per profile
Test channels	48 dedicatedassays, Direct assess keys, open channel capacity, 200 programmable channels
Datamanagement	Storage of up to 10,000test results, store 30 days Qc for each assay, reagent blank storage
Reports	Searchby date, sample ID, test name, calibration reports, QC results
Units	15 pre-defined measurementunits
QC and calibration	Dailyand monthly QC with date archiving
Interface	RS232port,USBport, PC connectivity (optional)
Power	Inputvoltage:-88-264 VAC, frequency: 47-63Hz power consumption: 75W max