

MAXLYZER SMART

CLINICAL CHEMISTRY ANALYZER



- Wavelength range 340 to 630nm
- Support Bi-chromatic tests
- Up to 300 tests can be programmed
- Over 200000 results & QC memory
- Flowcell and Cuvette mode
- Real-time monitor of reaction curve/ data and temperature Change
- Parameters can be reviewed during test
- Simple parameters setup
- Customizable patient, laboratory, hospital information
- Capable of adding off-system test results
- User friendly interface
- Power-fluctuation protection
- Universal power supply (with very wide range 100-240v)

Large TFT touch- screen (colored)
& popup keypad



External keyboard or mouse supported
(Optional)



External printer supported
(Optional)

ANALYSIS METHOD

Endpoint, with or without reagent blank
 Endpoint, sample blank and reagent blank
 Kinetics, with or without reagent blank
 Two point / fixed time, with or without reagent blank
 Absorbance
 Turbidimetry
 Linear and non-linear calibration

FILTERS

Automatic by 10 position filter wheel
 7 standard filters: 340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm.
 2 positions free for optional wavelengths and one for offset.
 Band width <8nm
 Stray light : 0.1% @ 340nm

PHOTOMETRIC RANGE

0.0000-3.0000 ABS
 Resolution : 0.0001 ABS
 Stability : <0.005A/20min @ 340nm

FLOW CELL

Stainless steel Flow Cell with quartz window
 Measuring volume: 32 µl
 Optical path : 10mm
 Aspiration volume programmable : 200-5000µl

INPUT

Touch screen with touch pen or finger and popup keypad, External Mouse and Keyboard

DISPLAY

7" TFT Colored display with touch screen, 800 X 480 Pixels

TEMPERATURE CONTROL

Used Peltier elements.
 Room temperature, 25°C, 30°C, 37°C

MEMORY

DDR2 SDRAM : Over 300 Programs and 200000 results can be stored

PRINTER

Built-in heavy duty thermal printer. (Optional external selective model HP printers)

INTERFACE

4 USB Hosts; 1 USB Slave; 1 Ethernet port
 USB ports(Host) For keyboard, Mouse, Printer, U disk, bar code reader etc.
 USB(Slave) for PC connection (Support PC Software control function)

CPU

AMR Coretex-A8, 720MHz.

OPERATING ENVIRONMENT

Temperature : 15°C- 30°C
 Humidity : 35% - 85%, no condensation

POWER REQUIREMENT

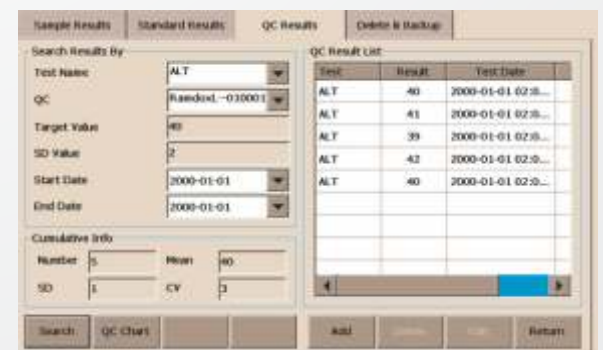
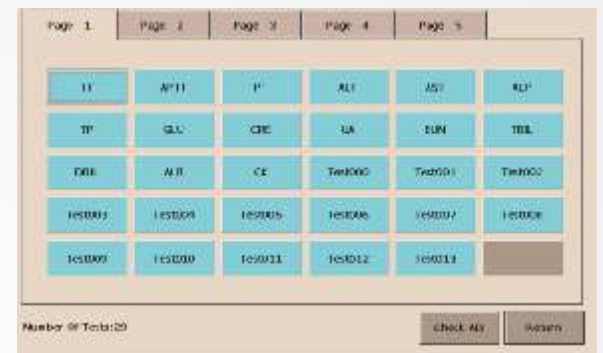
Wide power supply : AC 100-240, 50/60Hz

DIMENSION

400mm x 300mm x 160mm (L x W x H)

WEIGHT

7.5kg



Marketed in India by :

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