



IVD SOLUTIONS

IV CHEM - SEMI AUTO BIOCHEMISTRY ANALYZER



- Windows based user friendly software
- Real time reaction curve for each test with complete curve data
- Excellent data management software
- Interactive test menu with 300 programmes and 1000 test results
- Powerful QC management with L-J QC chart
- 4.3" touch screen colour display
- Dual mode (Flowcell & Cuvette) operation
- Built-in-thermal printer
- No SMPS & equipped with external power adaptor

TECHNICAL SPECIFICATIONS

ANALYSIS METHOD

- Absorbance, 1 point-end, 2 point-end (sample blank), Fixed time, Kinetic, Bichromatic & Multi standard

POWERFUL USER FRIENDLY SOFTWARE

- Windows based operation system
- Simple parameter set-up
- Real-time reaction curve with curve data
- Multi-standard mode for all chemistries
- Powerful QC management with L-J QC chart
- Patient wise & test wise reporting with complete information
- Data base back-up & recovery facility

OPTICAL SYSTEM

- 6 high quality long life filters (340, 405, 505, 546, 578, 630 nm)
- Reading by 32 μ l quartz flow cell
- Peltier control 4 temperature options (25°C, 30°C, 37°C & Room Temperature)
- Photometric range from 0.0000 - 3.0000 Abs
- Light source 6V/10W halogen lamp

TEMPERATURE PERFORMANCE & RELIABILITY

- Photometric range from 0.0000 - 3.0000 Abs
- Resolution 0.0001 Abs
- Stability ≤ 0.005 Abs/Hour
- No carry over for airgap between 2 samples ($\leq 0.05\%$)

FRIENDLY INTERFACE

- 1 USB port for external customised keyboard or mouse (optional)
- Built-in thermal printer for 57 mm printer papers

CPU & MEMORY

- ARM Cortex M3, 120M Hz
- Interactive test menu with 300 programs
- Results storage upto 1000

OPERATIONAL ENVIRONMENT

- Temperature 15°C - 35°C
- Humidity 35% - 80%

POWER SUPPLY

- No SMPS, equipped with external power adaptor
- Self defined stand by mode for the lamp protection
- Power requirement AC 100-240V / 50 / 60 Hz

PHYSICAL PROPERTIES

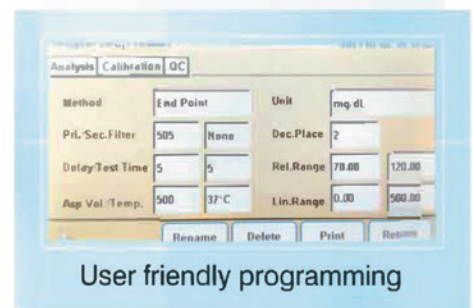
- Dimension : 350 mm x 430 mm x 220 mm (L x W x H)
- Weight : 6 kg



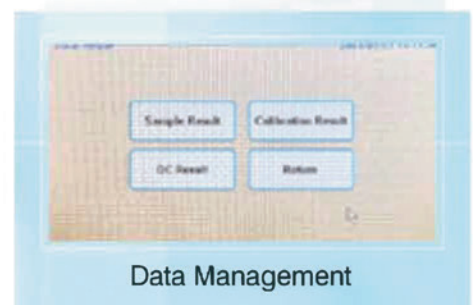
Interactive Test menu



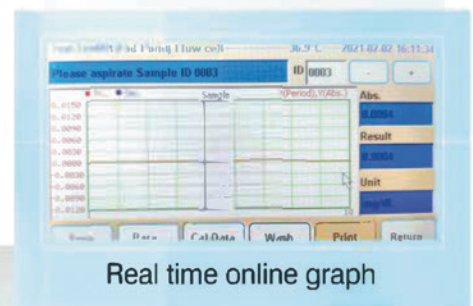
Dual Mode



User friendly programming



Data Management



Real time online graph



Internal thermal printer



IVD SOLUTIONS PVT. LTD.

C-23 A , Nehru Ground ,
N.I.T , Faridabad, Haryana-121001

Contact: 01294156777

Email: ivdsolutionspvtltd@gmail.com

www.ivdsolutions.in

