

Reliable, Robust & User Friendly

Quick Features:-

- Auto Air Purge between samples to avoid carry over.
- High Accuracy results with good repeatability at best Price
- Auto Sleep mode for Lamp to prolong its life.
- > 48 direct test access keys for user friendly operations
- Dynamic temperature control by Peltier.
- Flow cell and cuvette reading Available.
- Real-time absorbance Curve and Temperature display.
- Inbuilt high quality Thermal Printer.





OPTICAL SYSTEM

30 μl quartz flow cell Flow Cell **Light Source** Halogen lamp 6V/10W **Temperature** 25℃, 30℃, 37℃, RT Temperature Control By peltier device

Photo Detector UV Enhanced Silicon photodiode

10mm square cuvette/ Round cuvette (optional) **Cuvette option**

7 interference filters (340, 405,505,546,578,620&670nm) Filter

with 3 optional positions

Filter Selection Stepper motor based filter wheel



Analysis Method End point/ Fixed time/Kinetic/Turbidimetry /Absorbance

Reaction Volume 350-1000µl

Aspiration Peristaltic pump with stepper motor

Photometric Range - 0.1 to 3.0 Absorbance Resolution 0.001 Absorbance

Repeatability CV≤0.5% Carry over ≤ 1%

Measurement Methods

End point/ Fixed time/Kinetic/Turbidimetry /Absorbance

Memory

Total Programmable Tests 248 Programs 10,000 test results Results

Calibration curve for all Tests

3 types QC results and graph for all tests

Display 320 x 240 alphanumeric LCD **Printer** Graphical inbuilt thermal printer

Kevboard Individual alphanumeric membrane keypad (80 keys)

Quality Control 3 Controls per test with Levey Jenning graph **Result recall** By Test name, Patient name, Sample ID, Date

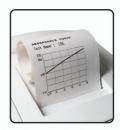
Communication Interlace RS 232, USB port

420(W) x 310(D) x 150 (H) mm **Dimension**

Weight 8 Kgs approx.

110-250V, 50Hz ±10% **Power Supply**

10°C - 35°C **Operating Temperature** ≤80% Humidity



High resolution graphic thermal printer for multiform reports



Software calibrated peristaltic pump for less reagent consumption



USB based PCL compatible DeskJet and Laser printers (optional*)



Option to use flowcell & cuvette



ALLIED BIOTECHNOLOGY INDIA PVT. LTD.

Reg. Off. 18-422/1, Mallikarjuna Nagar, Malkajgiri, Hyderabad - 500 047, (A. P.), India Tel.: +91 40 65555527 Cell: +91 9394606296

Mumbai Off.: B-202, Tania Meet Melange Bldg., Navghar Road, Vasai (E), Mumbai - 401 210 MAH. India. Tel.: +91 250-3248275/ 3219995

E-mail: info@alliedbiotech.co.in

Web Site: www.alliedbiotech.co.in







