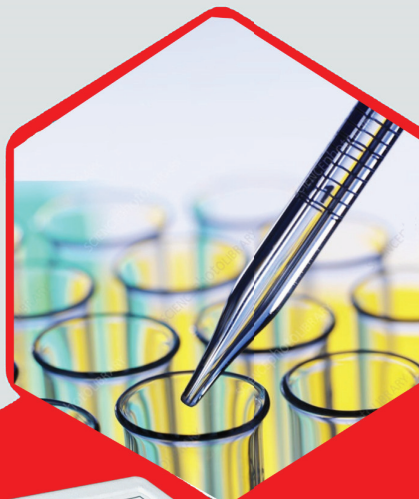


Lambert

precise

SEMI-AUTO BIOCHEMISTRY ANALYZER



Highly Precise
&
Accurate results

Friendly design & Software
addressing Indian
Users' Requirements

Developed
&
manufactured
truly in India

Key Features

- User friendly operation with 7" wide TFT display
- Quartz cuvette for better transparency & results
- Real time Absorbance with delta for better interpretation
- Durable & long lasting Resistive touch Panel
- Facility to introduce two more filters
- Peltier based temperature controlling of reaction & measurement area
- Advance and long lasting pump with latex tubing and better aspiration
- Self diagnostic facility for any technical errors



TECHNICAL SPECIFICATIONS

Assay Type :

End Point, Fixed Time, Kinetic, Multi-Point Standard, Absorbance and Sample Blank Modes

Wavelength Ranges :

340nm, 405nm, 505nm, 548nm, 578nm and 630nm
With two free position for optional filters

Measuring Range :

0.000 to 3.000 Abs

Accuracy :

CV<1%, Stability < 0.001 Abs/H

Real time Curve :

Real time curve plotting for observing progress of Abs for better Interpretation of the reaction of the chemistry.

Man Machine Interface :

Display : 7" Large TFT Display with Resistive touch panel
Printer : 50 mm Thermal Printer

DATA Management :

USB Ports : 02 USB Ports for Date Back-up
Serial Port : 01 Serial Port for communication with Computers

DATA Storage :

Stored Program : 42 Test could be programmed at a time.
Quality Control : 02 Level control could be run and stored for all Tests to plot Levey-Jennings Control Chart

Temperature Control :

Cuvette Temp. : Thermo-electric cooler based controlling
Operating Temp. : 25, 30 37°C and RT

Flags of Errors :

Various flags of errors caused in hince interpretation of results and its accuracy.

Measurement Mode :

Monochromatic and Bichromatic

Fluidic System :

Flowcell : 32µl Ceramic Framel Quartz window
With 1.0 cm Light Path
Aspiration Vol. : 200 µl to 5000 µl
Aspiration Mode : CPU Controlled Peristaltic Pump

Light Source :

6V/10W dedicated halogen Lamp with more than 3000 Hours efficiency with Auto dormancy function

- **Power Supply**
AC 150-260V, 50-60 Hz
100VA maximum power consumption
- **Environment**
Ambient temperature 15 - 40°C
Relative humidity < 90%
- **External Diamentions**
400 (L) x 300 (W) x 180 (H) mm
- **Weight**
7.1 kgs. (approx.)