



**MEDISYS**



# **Lambert Prime**

**Semi Automated Clinical Chemistry Analyzer**

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Easy  
Operation

Better  
Interface

Better  
Performance



### Point of Attraction:

- ⇒ Designed and developed in India
- ⇒ User Friendly Software for easy handling
- ⇒ Online graph for better judgement
- ⇒ Larger display with soft touch membrane key pad
- ⇒ Unique Lamp saving feature

## Technical Specifications

### Assay Type :

End Point, Fixed Time, Kinetic, 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

### 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 :

Dedicated halogen Lamp with more than 3000 Hours efficiency with Auto saving function

### DATA Storage :

Stored Program : 40 Test could be programmed at a time.  
Morethan 100 Test results saved for timely reference

### 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 : 240x128 Dot Large LCD Display with Blue Back Light  
Printer : 57 mm Thermal Printer

### DATA Management :

USB Ports : 02 USB Ports for Date Back-up  
Serial Port : 01 Serial Port for communication with Computers  
(Above both are optional)

### 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 inhence interpretation of results and its accuracy.

- **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**  
4.9 kgs. (approx.)

### Corporate Office

Plot No. 7, Street No. 3, Krishna Colony, Opp. Sector - 25, Faridabad - 121004 (HR)  
Contact : +9138002891, +918853129252 email us : info@medisysbio.com  
web : www.medisysbio.com