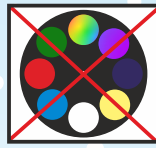




LED SOURCE
VERY LONG LIFE
EXTREME PRECISION



NO FILTERS
NO MOVING PART



ZERO MAINTENANCE
DUSTPROOF DESIGN



SAVE ON ANNUAL MAINTENANCE
REDUCE COST PER TEST BY HALF



Liver Function

(SGOT/SGPT, ALKP, GGT, ABL, BIL-DT, BIL TTL..... etc)

Lipid Profile

(Cholesterol-TTL/HDL/LDL,
Triglycerides.....etc)

Kidney Function

(Creatinine, Urea, B.U.N, Uric Acid, Ca....Etc)

Diabetes & Others

(Hb, Glucose HbA1c... etc)

Immunturbidimetry

HbA1c, ASO, CRP, RF...ect

Electrolytes

(Na+, K+, Cl-... etc)

Optical WARRANTY
5 years*

SPECIAL FEATURES

- ◆ 7 Wavelengths LED based Light Source (For tests at 340, 405, 505, 545, 580, 630, 670nm.)
- ◆ Graphic Display with Online Graph for Kinetic Assays
- ◆ LOWEST reagent Volume of 300µl (0.300ml) ONLY..!!
- ◆ Intelligent Error Trapping System for abnormal samples.
- ◆ Self Testing for Optical & SCAN mode for research.
- ◆ Patient ID & Lab Name Entry
- ◆ Even Operational on 12V Battery



TECHNICAL SPECIFICATIONS

OPTICAL SPECIFICATIONS

Light Source	LED based For Tests performed at 7 wavebands from 340nm to 670nm.
Photometric Range	0.0001 to 3.500 Abs
Flow Cell	32µl Quartz Flow cell with 10mm Path Length
Reagent Volume	Minimum of 350 µl (0.350ml).

PROGRAMMING

Measurement Moss	Kinetic, Fixed Time, End Point, Multi-Standard Calibration, Monochromatic & Bi-Chromatic
Memory	100 User defined Programs, 1000 Storage Data Results Memory

INPUT/OUTPUT INTERFACE

Keyboard	Spill-Proof Membrane Keyboard
Thermal Printer	57mm paper Easy Load with Quick Action Hatch.
Output	Serial Port (RS - 232) Output Direct connectivity to External Printer and Computer.
Self testing	Automatic self testing of entire optical system for all wavelengths in configure.

THERMOSTAT SYSTEM

Temperature	RT & 37°C Temperatures with +/-0.5°C. Precision
Thermostat	Digitally Controlled Solid State Sensor and Heater

POWER, BATTERY BACK-UP & DIMENSIONS

Power Supply	AC Mains: 180 V to 240 V AC, 50 Hz
Battery Backup	DC: 10 V to 18 V DC 1A, (12V Battery Backup runs for Continuously)
Operating Req.	Room Temperature: 10°C to 35°C. Protect from Direct Sunlight.
Dimensions	L: 320mm x W: 270mm x H: 125mm Appx.
Weight	1.5kg Appx & 4.5Kg Approx along with Packaging

ADVANTAGES OF CUVETTE MODE & ASPIRATION MODE

- No Bubble Formation Errors
- No Pump calibration
- Very low reagent volume reduces expenditure
- No Moving part hence no Mechanical failure
- Very fast readings as, No Cleaning Cycle, No Mechanical Errors, No Reagent wastage, No warm-up period
- More number of tests performed including Hb, turbidity, Electrolytes
- No Vibrations of moving parts
- Noiseless operation



ISO 13485:2016



www.lordsmark.com
www.lordsmed.com



exportivd@lordsmark.com
cs.ivd@lordsmark.com



+91 8451060080

A-71, Royal Ind. Hub, Poman Kaman, Bhiwandi Road, Near Jain Temple, Vasai (E) Palghar - 401208.