

Spectra 2000

Small in size, Big in performance



Features

- ❖ 7 inch Color LCD, Touch screen
- ❖ 10 Position incubator with 3 timers
- ❖ Flow cell and Cuvette test mode
- ❖ Displays Real Time Curve
- ❖ 7 wavelengths and 1 free position
- ❖ Memory for 10,000 samples results
- ❖ Time adjustable Lamp life saving feature
- ❖ RS232 interface, LIS connect



Specifications

Software and Hardware

- ♦ Easy access to methods
- ♦ In built printer for patient results.
- ♦ Storage of 10,000 test results in memory
- ♦ 80 Programmable test items

Photometry

- ♦ 7 Interference filters positions + 1 free position
- ♦ 340,405,492,510,546,578 and 630 nm
- ♦ Bandwidth: <10nm
- ♦ Absorbance range: 0-4.5 Abs with 0.0001 precision.
- ♦ Light Source: 6V-10W halogen lamp with long life.

Aspiration System

- ♦ Peristaltic pump driven by stepper motor.
- ♦ Programmable volume: 0-3000 ul
- ♦ Carry over: <1%
- ♦ Repeatability CV: <1%.
- ♦ Flow cell clean in between and after testing.

Test Mode:

- ♦ Flow cell: 32 ul quartz glass, 10nm
- ♦ Cuvette: micro or semi micro cuvette.

Temperature Control:

- ♦ Flow cell : 37°C, 30°C, 25°C
Precision +/-0.1C
- ♦ 37°C inbuilt incubator with 10 positions and 3 timers.

Measurement Mode:

- ♦ Endpoint with Sample and Reagent blank.
- ♦ Kinetic.
- ♦ Two-point Kinetic or Fixed time
- ♦ Multipoint Standard Curve.
- ♦ Absorbance

Quality Control:

- ♦ Mean, SD and CV% with L-J quality control curve for every parameter.

Operator Interface:

- ♦ 7 inch color LCD with touch screen
- ♦ Internal thermal sensitive printer
- ♦ RS-232 for LIS connects

Installation Requirements

- ♦ Power supply: 100 – 240 VAC, 50 – 60 Hz, 100 VA
- ♦ Temperature: 0°C – 40°C, Humidity: 80%

Dimensions:

- ♦ 340(L)*270(W)*160(H) mm.
- ♦ Weight: 5 kg

Test Items	
LFT	ALT, AST, ALP, T-BIL, D-BIL, TP, ALB
RFT	BUN, CREAT, UA, GGT
Lipids	T-CHOL, TGL, HDL-C, LDL-C
Cardiac	CK, CKMB, LDH
Turbidometry	CRP, RA, ASO, Lp(a), Ferritin
Others	GLU, HGB, AMY.



Marketed by :

ARK Diagnostic System Pvt. Ltd.

A-11, Giriraj Estate, Mahakali Caves Road, Andheri (East),
Mumbai - 400 093.

• T : +91 22 26874747, 2687 8781, 2687 8782 • F : 2687 8783
• E : info@ARKDiagnoSys.com • W : www.ARKDiagnoSys.com

Distributor :