



कणाद विद्युत्
KANAD VIDYUT

KANAD 7FX

Semi-Auto Clinical Biochemistry Analyzer



- ⚡ LED SOURCE
- ⚡ NO HALOGEN LAMP
- ⚡ EXTREME PRECISION



- ⚡ NO FILTERS
- ⚡ NO MOVING PART

**Optical
WARRANTY
5 years***



For Clinical Tests like..

Kidney Function

(Creat, Uria, B.U.N, Uric Acid, Ca....Etc)

Liver Function

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

Lipid Profile

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

And many more...

SPECIAL FEATURES

- LED Light Source (For tests done at 7 Wavelengths from 340nm to 670nm.)
- 5" Graphic Display with Online Graph for Kinetic Assays
- Multi Standard upto 9 Calibrators with Editing Facility
- QUARTZ Flow-cell (32µl)
- Minimum reagent Volume of 350µl (0.350ml)
- Intelligent Error Trapping System for abnormal samples.
- Optical Check and Pump Calibration Facility
- Operation on 12V Battery for 8hrs Continuously.





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TECHNICAL SPECIFICATIONS

OPTICAL SPECIFICATIONS

Light Source	Multiple LEDs source (7 wavelengths)
Suitable for Tests at	Suitable for Tests performed at 340nm, 405nm, 505nm, 545nm, 580nm 630nm, 670nm.
Measurement Range	0.000 to 3.500 Abs
Flow Cell	32 μ l Quartz Flow cell with 10mm Path Length
Reagent Volume	Minimum of 350 μ l (0.350ml).

PROGRAMMING

Programs	100 User defined Programs
Analysis Methods	Kinetic, Fixed Time, End Point, Multi-Standard upto 9 Calibrations , Monochromatic & Bi-Chromatic, Absorbance & Scan Capacity
Software	Very Easy Test Programming and Editing for Factor and standard Values, Editing of Calibrators in Multi Standard Mode.
Storage	Factor and Standard Values storage, 1000 Results Memory with facility to select results as per date & test

INPUT / OUTPUT INTERFACE

Display	125mm (5" Inch) Graphical LCD. (240 X 128 px)
Keyboard	Spill-proof Membrane Keyboard
Thermal Printer	57mm thermal paper Easy Load with Quick Action Hatch.
Output Interface	Serial Port (RS 232) Output Direct connectivity to External Printer and Computer.

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	Working On External SMPS Adapter 15V DC / 75Watt, AC Mains: 180 V to 240 V AC, 50/60 Hz
Battery Backup	DC: 10 V to 18 V DC 1A, (12V, 7AH Motorcycle Battery runs for 8Hrs)
Operating Req.	Room Temperature: 10°C to 35 °C. Relative Humidity <90%, Protect from Direct Sunlight.
Dimensions	L: 400mm x W: 300mm x H: 140mm Appx.
Weight	4.5Kg Approx

Designed & Manufactured by : KANAD VIDYUT, Pune. (Since 1986)

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