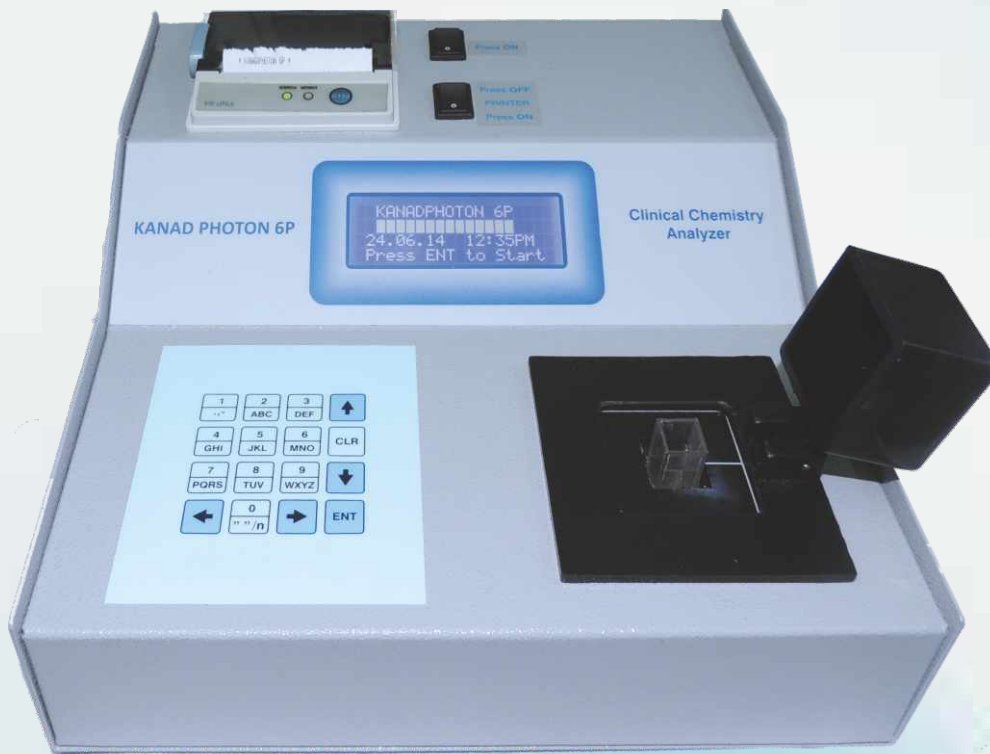




# KANAD PHOTON 6P

*A complete solution to Biochemistry with Most Advanced Technology, Quality, Long Life & Cost Effectiveness....*



**LOWEST  
250  $\mu$ l  
Reagent  
Volume**

- ➡ Ready to use instrument with 25 Pre-programmed tests
- ➡ End Point, Fixed Time, Kinetic Modes
- ➡ ZERO MAINTENANCE
- ➡ 5 YEARS OPTICAL WARRANTY
- ➡ 10 TIMES MORE LIFE THAN HALOGEN LAMP
- ➡ EXCELLENT REPEATABILITY & PRECISION
- ➡ 6 Wavelengths

## 4 in 1 Instrument

**\*Biochemistry\* Turbidimetry\* Electrolytes\* ELISA readings**



## TECHNICAL SPECIFICATIONS

### OPTICAL SPECIFICATIONS

Light Source	LED Light source ( Solid State Light Source with life of more than 1,00,000 hrs)
Wavelengths	340nm, 405nm, 505nm, 540nm, 580nm, 630nm
Measurement Linearity	0.000 to 3.500 Abs ( Photometric Range)
Resolution, drift & Noise	0.001A, Drift < 0.002 A/hrs & Noise < 0.0003 Very stable and precise readings
Reagent Volume	Minimum of Only 250 $\mu$ l ( 0.250ml) Reagent Volume, Reducing Cost per Test by 1/4th.

### PROGRAMMING

Modes	Kinetic, Fixed Time, End Point, Turbidity, Electrolytes & ELISA readings
Memory	100 User defined Programs
Software	Very easy & User Friendly programming, Optional Facility to Read Blank for Every Sample for sensitive tests ( Ca, Na+ Cl- etc)
Measurement Types	Monochromatic & Bichromatic Measurements
Data Management	Patients Id & Laboratory Names Entry
Special Editing	Edit & delete Saved Tests, Editing of Standards in Multi standard mode

### INPUT / OUTPUT INTERFACE

Keyboard	Spill-proof Membrane Keyboard
Printer	Thermal Printer
Display	20 CHAR, 4 LINES, BLUE, Alphanumeric with White Backlight.
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 at start up.

### THERMOSTAT SYSTEM

Cuvette Temperatures	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 Motorcycle Battery runs for 10Hrs Continuously)
Operating requirements	Room Temperature: 10°C to 35 °C. Protect from Direct Sunlight.
Dimensions	L: 260mm x W: 240mm x H: 105mm Appx.
Weight	1.5kg Appx & 4Kg Approx along with Packaging



**LED Source**



**NO Filters**

### ADVANTAGES OF CUVETTE MODE OVER ASPIRATION MODE

- ☞ No Bubble Formation Errors
- ☞ No Pump calibration
- ☞ No tube Change
- ☞ 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 & ELISA readings
- ☞ No Vibrations of moving parts
- ☞ Noiseless operation

Manufactured By :: **KANAD VIDYUT**

Office : 10, Deenanath Mangeshkar Hospital Road, Erandawane Pune-411004

Contact No:: (+91)(India)-9850848722, 020-25462809

Email: kanad.pune@gmail.com

Website:: www.kanadphoton.com, www.kanadvidyut.com

