



कणाद विद्युत्
KANAD VIDYUT

KANAD PHOTON



MOST ADVANCED CLINICAL CHEMISTRY ANALYZERS

Designed & Developed by KANAD VIDYUT, Creating benchmarks in Quality & Precision
Trusted for more than 25 years.



- ❗ **LED SOURCE**
- ❗ **NO HALOGEN LAMP**
- ❗ **EXTREME PRECISION**



- ✓ **NO FILTERS**
- ✓ **NO MOVING PART**



- ✓ **ZERO MAINTENANCE**
- ✓ **DUSTPROOF DESIGN**



- * **SAVE ON ANNUAL MAINTENANCE**
- * **REDUCE COST PER TEST BY HALF**



**4 in 1
INSTRUMENT**

- * Biochemistry
- * Turbidimetry
- * Electrolytes
- * ELISA readings

**LOWEST
250µl
REAGENT
VOLUME**

**DESIGNED &
MADE in INDIA**

- ✗ **NO PUMP PROBLEMS**
- ✗ **NO TUBE CHANGE**
- ✗ **NO BUBBLE ERRORS**
- ✗ **NO CARRY OVER**
- ✗ **NO COSTLY MAINTENANCE**
- ✗ **NO WASHING CYCLE**
- ✗ **NO REAGENT LOSS**



WINNER..!!!
G.S.PARKHE
INDUSTRIAL MERIT
AWARD
FOR
INNOVATION &
ENTREPRENEURSHIP
2015



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CLINICAL CHEMISTRY ANALYZERS



MODELS	KANAD PHOTON 6P	KANAD PHOTON 8 MPC	KANAD PHOTON 9 MPC
MEMORY	25 Pre-programmed Tests & 25 User defined Program	100 user Defined Programs	200 User defined Programs
OPTICAL SPECIFICATIONS	6 Wavelengths 340, 405, 505, 545, 580, 630	8 Wavelengths 340, 405, 450, 505, 545, 580, 630, 700	9 Wavelengths 340, 405, 450, 470, 505, 545, 580, 630, 700
ANALYSIS CAPABILITY	End Point, Fixed Time, Kinetic, Turbidity, Electrolytes	End Point, Fixed Time, Kinetic, Multi-point Calibration, Turbidity, Electrolytes, ELISA Readings	

SPECIAL FEATURES

- REAGENT VOLUME : **OPEN SYSTEM With LOWEST of 250 µl (0.250ml) reagent volume.**
- SPECIAL MODES : Unique Modes for Sensitive Tests Like Electrolytes, Ca, Mg etc..
- QUALITY CHECK : Intelligent Error Trapping, Reagent Check, QC Validation Scan Mode
- INPUT / OUTPUT : SPILL PROOF Keyboard, Serial port (RS 232)
- PHOTOMETRIC RANGE : 0.000 - 3.500 Ab
- TEMPERATURE : RT & 37°C +/- 0.5 °C. Precision
- BATTERY BACKUP : DC 12V Motorcycle Battery (Operates for 10 to 12 hrs Continuously)

LIST OF FREQUENTLY PERFORMED TESTS ON KANAD PHOTON ANALYZERS

LIVER FUNCTION TESTS

SGOT/SGPT	Kinetic
ALKP	Kinetic
GGT	Kinetic
PROTEIN TTL	End Point
ALBSERUM	End Point
BILIRUBIN DRCT	End Point
BILIRUBIN TTL	End Point

KIDNEY FUNCTION TESTS

CREATININE	Fix Time
UREA / B.U.N	Fix Time
URIC ACID	End Point
CALCIUM (Ca)	End Point

LIPID PROFILE TESTS

CHOLESTEROL TTL	End Point
CHOLESTEROL HDL	End Point
CHOLESTEROL LDL	End Point
TRIGLYCERIDES	End Point

CARDIAC FUNCTION TESTS

CK. NAC	Kinetic
CK. MB	Kinetic
LDH	Kinetic

PANCREATIC FUNCTION TESTS

AMYLASE	Kinetic
LIPASE	Fix Time

ELISA READINGS

THYROIDS T3/T4/TSH	MPC
VITAMINS	MPC
TORCH, ANA	MPC
IgG , IgE	MPC

OTHER TESTS

Hb	End Point
GLUCOSE	End Point
HbA1c	MPC
IRON	End Point
TIBC	End Point
ELECTROLYTES (Na+, K+, Cl-)	End Point

Designed & Manufactured in INDIA By KANAD VIDYUT. Pune