



KANAD 35

KANAD VIDYUT
कणाद विद्युत्

MINI-VIS-ANALYZER

KANAD VIDYUT introduces smartest Mini- VIS-ANALYZER

This performs advanced colorimetry with quick programming structure & user friendly operation...



LED Source



NO FILTERS

ANALYSIS MODES

- * **End Point with Standard** (Like Glucose)
- * **End Point With factor** (Like Bilirubin)
- * **Fixed Time with Standard** (Like Creatinine)
- * **Electrolytes** (Na, K Cl, Ca, Mg, P etc...)

Salient Features

- ✦ **35 User defined Programs**
- ✦ **Very Easy to Program & run Test**
- ✦ **All types of Cuvettes: Round (1ml), Square(0.500ml), Semi-Micro Cuvettes (0.250ml)**
- ✦ **9 Wavelengths:**
405, 430, 465, 505, 530, 565, 580, 630, 700.
- ✦ **Open System: Any reagent kit can be used.**
- ✦ **Very Low power consumption**

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

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TECHNICAL SPECIFICATIONS

- **MEASURING METHODS:** Fixed Time, End Point
- **MEMORY :** Storage for 35 user defined programs
- **DETECTOR :** Solid State Silicon Photo Diode with Enhanced UV Sensitivity.
- **SELF TESTING :** Automatic self testing of entire optical system for all wavelengths at start up.
- **LIGHT SOURCE AND MONOCHROMATORS :** Solid State Monochromatically Emitting, High Efficiency Source Suitable for Testing with Biochemical Kits, at Following **9 Wavelengths:**
 - **405, 430, 465, 505, 530, 565, 580, 630, 700.**
- **DISPLAY :** 20 CHAR, 4 LINES, BLUE, Alphanumeric with White Backlight.
- **KEYBOARD :** 4x4, Spill proof Membrane Keyboard, with 1 to 9, 'CLR' [backspace], 0, and '.'. Alphanumeric legends are printed on numeric keys. In addition 4 arrow keys and ENT key is provided.
- **POWER SUPPLY :** KANADPHOTON 35 can work either on AC Mains or on DC supply.
 - **AC Mains:** 180 V to 240 V AC, 50 Hz.
 - **DC:** 10 V to 18 V DC 1A. [D Size Torch Cells (8 cells) are sufficient]
- **POWER CONSUMPTION :** 2 W.
- **OPERATING REQUIREMENTS :** Room Temperature: 10°C to 35 °C. Protect from Direct Sunlight.
- **DIMENSIONS:** L: 210mm x W: 165mm x H: 95mm Appx.
- **WEIGHT:** 900 gm Appx.

Frequently Performed Tests on KANAD 35

Name of test	Method
Glucose	End point
Cholesterol	End point
Haemoglobin	End point
Calcium (Arsenazo III method)	End point
Creatinine	Fixed Time Kinetic
Blood Urea Nitrogen	End point
Tri Glycerides	End point
Cholesterol (HDL & LDL)	End point
Bilirubin(Direct & Total)	End point
Albumin	End point
Total Proteins	End point
Phosphorus	End point
Acid Phosphatase	End point
Iron & Total Iron Binding Capacity	End point
Uric Acid	End point
Electrolytes-Na ⁺ ,K ⁺ ,Cl ⁻	End point
UREA	End Point
Copper	End point
Magnesium	End point
Zinc	End point

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