



KANAD VIDYUT

**Manufacturers of Biochemistry Analyzers,
Colorimeters and Haemoglobinometers
Since 1989**

Solid State (LEDs) Light Sources for Long Life and precision.
Very Low reagent volume of **ONLY 250ul** Reagent.
No Use Of Filters & Maintenance Free Operation
Reagent Saving & Reducing Cost / Test
More than 6000 satisfied customers

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KANAD VIDYUT

Manufacturers of Biochemistry Analyzers and Colorimeters



HEMA

DIGITAL HAEMOGLOBINOMETERS



DRY BATH INCUBATOR



HEMA

- Haemoglobinometer with single memory for Hb factor, with CALIBRATION facility.

- Solid State (LEDs) Life Long light source

HEMA 2

- Haemoglobinometer with dual memory for Hb factor, as well as Glucose factor with CAL facility

- Solid State (LEDs) Life Long light source

DB 18

- Dry Bath Incubator with 18 Cuvettes/test tubes Capacity

- Square (12.5mm X 12.5mm) & Round (Dia. 12mm) both types accommodated

- Microprocessor controlled precise Temp up to 37°C.

HANS DIGITAL COLORIMETERS



PRODUCT NAME

WAVELENGTHS

PRECISION & MODES

HANS 251

Five Wavelengths
405, 505, 530, 580, 630

Up to 2 Decimal Precision (0.00),
Absorbance Mode Only

HANS 253

Five Wavelengths
405, 505, 530, 580, 630

Up to 2 Decimal Precision (0.00)
Absorbance, Concentration &
Factor Modes

HANS 291

Nine Wavelengths
405, 430, 465, 505, 530,
565, 585, 630, 700

Up to 2 Decimal Precision (0.00),
Absorbance Mode Only

HANS 293

Nine Wavelengths
405, 430, 465, 505, 530,
565, 585, 630, 700

Up to 2 Decimal Precision (0.00)
Absorbance, Concentration &
Factor Modes

HANS 391

Nine Wavelengths
405, 430, 465, 505, 530,
565, 585, 630, 700

Up to 3 Decimal Precision
(0.000), Absorbance Mode Only

HANS 393

Nine Wavelengths
405, 430, 465, 505, 530,
565, 585, 630, 700

Up to 3 Decimal Precision
(0.000), Absorbance,
Concentration & Factor Modes



BIOCHEMISTRY mini-ANALYZER (Programmable Advanced Colorimeter)



SHREERANG 11

- VIS-5 wavelengths 450, 505, 530, 580, 630
- Semi-Auto Analyser 35 Test program memory
- End Point and Fixed Time modes
- **Zero Maintenance- Solid State (LEDs) Life Long Sources**
- Performs Electrolytic (e.g Ca, Mg, Na, K, Cl) and
- Turbidimetric (RA, ASO, CRP, HbA1c) efficiently.



KANAD PHOTON 35

- VIS-9 wavelengths 405, 430, 465, 505, 530, 565, 630, 700
- Semi-Auto Analyser 35 Test program memory
- End Point and Fixed Time modes
- **Zero Maintenance- Solid State (LEDs) Life Long Sources**
- Performs Electrolytic (e.g Ca, Mg, Na, K, Cl) and
- Turbidimetric (RA, ASO, CRP, HbA1c) efficiently.

SEMI-AUTO BIOCHEMISTRY ANALYZER (COMPLETE SOLUTION FOR CLINICAL CHEMISTRY)



MODEL NAME	KANAD PHOTON 6P	KANAD PHOTON 7P	KANAD PHOTON 8MPC	KANAD PHOTON 9 MPC
MEMORY INPUT	25 Pre-programed tests & 25 user defined programs	100 user defined programs.	150 User defined Programs	200 user defined programs
WAVELENGTHS (LED source)	340, 405, 465, 505, 545, 630	340, 405, 450, 505, 545, 580, 630	340, 405, 450, 505, 540, 580, 630, 700	340, 405, 450, 470, 505, 540, 580, 630, 700
ANALYSIS MODES	KINETIC, FIXED TIME, END POINT, TURBIDIMETRY		KINETIC, FIXED TIME, END POINT, MULTI-POINT CALIBRATION, TURBIDIMETRY	

COMMON FEATURES

- REAGENT VOLUME : **OPEN SYSTEM With ONLY 250 µl (0.250ml) reagent volume.**
- SIZE : 260mm X 240mm X 96mm (L X W X H) (Less than 1ft X 1 ft)
- INPUT / OUTPUT INTERFACE: SPILL PROOF Keyboard, Serial port (RS 232)
- LINEARITY : 0.000 - 3.500 Ab
- TEMPERATURE : RT and 37°C
- DRIFT : 0.001/hr
- BATTERY BACKUP : 10 hrs



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ADVANTAGES OF CUVETTE MODE ANALYZER 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**

@ KANAD VIDYUT & Technology

- Solid state light sources (or LEDs) have a huge life of more than 1,00,000 hrs as compared to halogen lamp which has only 4000hrs life.
- As we use Solid state light source, we don't require filters to get the required wavelengths for measurements.
- Solid state light sources (LEDs) emits light at same wavelengths and intensity throughout its life. This reduces maintenance
- As Halogen lamp is not used, heating problems are eliminated.
- Uniquely designed optical uses no moving parts in the machine while giving better performance than best.
- Full metal powder coated Aluminum Box gives high sturdiness and long life to instrument.
- Uniquely designed software programs help reduce errors while performing operations.



LED Source



NO Filters

Manufactured By :: **KANAD VIDYUT**

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