



KANAD VIDYUT

Digital Colorimeter Catalog

KANAD VIDYUT IS KNOWN FOR LAST 25 YRS FOR EXTREMELY STABLE, RELIABLE, LONG LASTING AND PRECISE PHOTOMETRIC DIAGNOSTIC INSTRUMENTS. OUR RANGE OF DIGITAL COLORIMETER INSTRUMENTS WITH ZERO MAINTENANCE ARE GIVEN IN THIS CATALOG.



ADVANCED DIGITAL COLORIMETER PRODUCT RANGE

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



KANAD VIDYUT

COMMON TECHNICAL SPECIFICATIONS

- **MODE :** PHOTOMETRIC ABSORBANCE, CONCENTRATION & FACTOR.
- **MESASURING TIME:** 1 SEC.
- **DETECTOR:** SOLID STATE SILICON PHOTO DIODE WITH ENHANCED UV SENSITIVITY.
- **PHOTOMETRIC RANGE:** 0 TO 3.000 A.
- **RESOLUTION:** 0.001 A.
- **DRIFT:** AFTER 5 MIN. WARMING UP, AT 0.000 A: < 0.002 A / H.
- **NOISE:** < 0.0003 A AT 2 A AT ALL WAVELENGTHS.
- **LIGHT SOURCE AND MONOCHROMATORS:** SOLID STATE MONOCHROMATICALLY EMITTING, HIGH EFFICIENCY SOURCE SUITABLE FOR PHOTOMETRIC ABS TESTING IN CHEMISTRIES, AT 9 WAVELENGTHS:
405,430,465,505,530,565,585,630,700.
- **BANDWIDTH:** MINIMUM 10NM, MAXIMUM 20NM.
- **KEYBOARD :** NUMERIC KEYBOARD FOR ENTERING FACTORS & QUICK MODES SELECTION
- **DISPLAY:** 16 CHAR, 2 LINES, GREEN, ALPHANUMERIC WITH BACKLIGHT.
- **POWER SUPPLY:** KANADPHOTON 393 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.
- **DIMENSIONS:** L: 210MM X W: 165MM X H: 95MM APPX.
- **WEIGHT:** 900 GM APPX.



LED Source



**NO
FILTERS
NO HALOGEN
LAMP**



Manufactured By :: **KANAD VIDYUT (PUNE)**

Marketed By : **ADVANCED PHOTON INSTRUMENTS PVT. LTD**

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