

# KANAD PHOTON 393

ADVANCED PHOTON PVT. LTD. INTRODUCES EXTREMELY STABLE, RELIABLE, LONG LASTING AND PRECISE ADVANCED DIGITAL COLORIMETER WITH 9 WAVELENGTHS.

ZERO MAINTENANCE INSTRUMENT.



## “KANAD PHOTON” DIGITAL COLORIMETERS “KP 393”

- HIGHER PRECISION IN ABSORBANCE MODE
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  - AUTOZERO BY SWITCH
  - WAVELENGTH SELECTION BY SWITCH
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- NINE WAVELENGTHS: 405,430,465,505,530,565,585,630,700.
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  - ALPHA-NUMERIC BACKLIT DISPLAY
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  - SOLID STATE, LIFE-LONG LIGHT SOURCE
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  - SMALL REAGENT VOLUME
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- KEYBOARD FOR NUMBERS AND FACTOR, CONCENTRATION & ABSORBANCE MODES
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# KANAD PHOTON 393

## 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**

## ADVANCED PHOTON INSTRUMENTS PVT. LTD

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\*Designed & Manufactured By: Kanad Vidyut, Pune