

# HANS



## DIGITAL COLORIMETERS



**LED Source**



**NO Filters**

### ADVANCED DIGITAL COLORIMETER PRODUCT RANGE

PRODUCT NAME	WAVELENGTHS	PRECISION & MODES
HANS 251	Five Wavelengths 450, 505, 530, 580, 630	Up to 2 Decimal Precision (0.00), Absorbance Mode Only
HANS 253	Five Wavelengths 450, 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, 580, 630, 700	Up to 2 Decimal Precision (0.00), Absorbance Mode Only
HANS 293	Nine Wavelengths 405, 430, 465, 505, 530, 565, 580, 630, 700	Up to 2 Decimal Precision (0.00) Absorbance, Concentration & Factor Modes
HANS 391	Nine Wavelengths 405, 430, 465, 505, 530, 565, 580, 630, 700	Up to 3 Decimal Precision (0.000) Absorbance Mode Only
HANS 393	Nine Wavelengths 405, 430, 465, 505, 530, 565, 580, 630, 700	Up to 3 Decimal Precision (0.000) Absorbance, Concentration & Factor Modes

## **COMMON TECHNICAL SPECIFICATIONS**

- **MODE :** Photometric Absorbance, Concentration & Factor.
- **MESAURING 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, with upto 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:** Works 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.