



An | ISO 9001:2015
CERTIFIED CO.

PHOTO COLORIMETERS

ACCURATE. RELIABLE. PRECISE.

ESEL Photo Colorimeters are designed to deliver highly accurate and reliable color measurement for a wide range of applications in laboratories, industries, and research facilities. With advanced optical technology and user-friendly operation, they ensure consistent and reproducible results every time.



HIGH
ACCURACY



RELIABLE
PERFORMANCE



EASY
OPERATION



WIDE RANGE
OF APPLICATIONS

SPECIFICATIONS

Model	Photo Colorimeter
Wavelength Range	340 to 800 nm
Wavelength Bandwidth	10 nm
Filter Type	Interference Filter
Photometric Range	0.0 to 199.9 %T, 0.000 to 1.999 Abs
Photometric Accuracy	±1% T
Photometric Repeatability	±0.5% T
Stray Light	≤ 1% T at 360 nm
Display	3½ Digit LED Display
Light Source	Tungsten Halogen Lamp
Detector	Silicon Photodiode
Cuvette Holder	10 mm Path Length
Power Supply	220-240V, 50Hz
Power Consumption	Approx. 15W
Dimensions (L x W x H)	270 x 220 x 150 mm
Weight	Approx. 2.5 Kg

APPLICATIONS

- Water & Wastewater Analysis
- Pharmaceutical Industry
- Food & Beverage Industry
- Clinical & Diagnostic Laboratories
- Educational & Research Institutions

KEY FEATURES

- ✓ High accuracy and precision measurements
- ✓ Wide wavelength range for diverse applications
- ✓ User-friendly design with easy operation
- ✓ Stable performance with reliable results
- ✓ Compact, durable and lightweight design

ADDRESS

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