

# T-10/T-10M Illuminance Meter

## PRODUCT SPECS:

### What are the specs for the product?

<b>Model</b>	Illuminance meter T-10 <standard receptor head>	Illuminance meter T-10M <mini receptor head>
<b>Type</b>	Multi-function digital illuminance meter with detachable receptor head	
<b>Receptor</b>	Silicon photocell	
<b>Relative Spectral Response*</b>	Within 8% (f1') of the CIE spectral luminous efficiency V (λ)	
<b>Cosine Correction Characteristics</b>	Within ±1% at 10° ; Within ±2% at 30° ; Within ±6% at 50° ; Within ±7% at 60° ; Within ±25% at 80°	
<b>Illuminance units</b>	Lux (lx) or foot candles (fcd) (switchable)	
<b>Measuring range</b>	Auto range (manual 5 range at the time of analog output)	
<b>Measuring function</b>	Illuminance(lx). illuminance difference(lx). illuminance ratio(%). integrated illuminance(lx·h). integration time(h). average illuminance(lx).	
<b>Measuring range</b>	Illuminance ... 0.01 to 299,900 lx 0.001 to 29,990 fcd Integrated illuminance ... 0.01 to 999,900 × 103 lx·h 0.001 to 99,990 × 103 fcd·h / 0.001 to 9999 h	
<b>User calibration function</b>	CCF(Color Correction Factor) setting function	
<b>Accuracy</b>	±2% ±1digit of displayed value (based on Konica Minolta standard)	
<b>Temperature/humidity drift</b>	Within ±3% ±1digit (of value displayed at 20°C/68°F ) within operating temperature/humidity range	
<b>Digital output</b>	RS-232C	
<b>Analog output</b>	1mV/digit,3V at maximum reading; Output impedance: 10KΩ; 90% response time: FAST setting: 1ms, SLOW setting: 1s	
<b>Display</b>	3 or 4 Significant-digit LCD with back-light illumination	
<b>Operating temperature /humidity range</b>	-10 to 40°C, relative humidity 85% or less (at 35°C) with no condensation	
<b>Storage temperature /humidity range</b>	-20 to 55°C, relative humidity 85% or less (at 35°C) with no condensation	
<b>Power source</b>	2 AA-size batteries / AC adapter (optional)	

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<b>Battery life</b>	72 hours or longer (when alkaline batteries are used) in continuous measurement	
<b>Dimensions</b>	69 × 174 × 35 mm (2-6/16×6-14/16×1-7/16 in.)	Main body : 69 × 161.5 × 30 mm (2-6/16×6-6/16×1-3/16 in.)  Receptor : $\Phi$ 16.5 × 12.5 ( $\Phi$ 11/16 × 1/2 in.)  Cord length : 1m ( 3.3 in.)
<b>Weight</b>	200g (7.0 oz.) without battery	205g (7.2 oz.) without battery
<b>Standard accessories</b>	$\Phi$ 3.5mm( $\Phi$ 1/8 in.) subminiature plug for analog output ; Receptor cap ; Neck strap ; Case ; Battery	$\Phi$ 3.5mm( $\Phi$ 1/8 in.) subminiature plug for analog output ; Neck strap ; Case ; Battery
<b>Optional accessories</b>	Receptor head ; Adapter for Multi-point ; AC Adapter ; Data processing software	

Specifications are subject to change without notice.

\* Equivalent to 2% specified for T-1 series. 8% CIE(f1'),new JIS(1993) 2% old JIS