

Model: DT-1308

Multi-function Digital Photometric Illumination Meter

【 description 】

DT-1308 multi-function digital photometric small strong, simple structure, easy operation is convenient use, is used for metering degrees (lux/feet candlelight) ideal precise instrument. Photometric sensor is by a kind of very stable, durable silicone photosensitive diode and spectral response filter composition, may to the different Angle of input light fully compensation and correction make more accurate measurement results.

【 product characteristics 】

1. The high precision and quick response
2. The relative value of measurement
3. Numerical keep function
4. The maximum/minimum value measurement function
5. Lux (Lux) / Fc (feet candlelight) units switch and span selection function
6. Peak lock function, tracking and lock is more than 10 μ s luminosity pulse signal
7. 30 minutes automatic shutdown

【 The technical indexes 】

LCD monitor: with 42 period of high speed article simulation and 3-3/4 a digital LCD display.

Measurement range: 40.00 lux, 400.0 lux, 4000 lux, 40.00 Klux and 300.0 Klux

40.00 fc, 400.0 fc, 4000 fc, 30.00 KFC

Note: 1 fc = 10.76 lux, 1 Klux = 1000 lux, 1 Kfc = 1000 fc

Photometric measurement resolution: 0.01 ~ 0.1 lux Klux / 0.01 fc ~ 0.01 KFC

Precision: \pm (3.5% reading + 20 digital), \pm (4.0% reading + 20 digital > 10000 LUX/FC range), (instrument calibration light color temperature for 2856 K)

Super range shows: LCD will show "OL" symbol

Spectral response: adapt to the light CIE (CIE human eye response curve range)

Digital display sampling rate: 2 ~ 3 times per second

Sensor: silicon diode and the spectrum photosensitive filter

Working temperature and humidity: 0 ~ 40 $^{\circ}$ C (32 to 104 $^{\circ}$ F) 0% RH ~ 80% RH

Storage temperature and humidity: -10 to 50 $^{\circ}$ C (14 ~ 140 $^{\circ}$ F) 0% RH ~ 70% RH. .

Battery: a 9 V battery

Photometric detector wire length 150 cm

Photometric detector size: 115 x60x20 mm

Instrument size: 170 x80x40 mm

Weight: 390 g

【 The operating instructions 】

1. Press the power on key, makes the gauge "on" or "off".
2. Choose Lux (Lux) or Fc (feet candlelight) unit range.
3. In a horizontal position removed the lid of the photometric detector and the vertical to the light.

4. From the LCD screen read values.
5. The range range: if only show "OL" that is the input signal is too strong, so, should choose more a range range.
6. Data keep mode: press HOLD health to select data keep mode. As the pattern have chosen, metering device then stop all further measurements. Then click on the HOLD health to quit data keep mode, it will resume normal measurement.
7. PEAK record mode: hold down the PEAK rehabilitation, until shows the "CAL" subtitles, and then press the PEAK in Pmax and Pmin health through reading the luminosity mode and exposed to the light pulse probe local measurements. Hold down the PEAK health 2 seconds maximum out record mode, and then watch will return to normal.
8. The maximum and the minimum record mode: press MAX/MIN health in turn through the largest and smallest reading and the current reading reading pattern. Press the MAX/MIN 2 SEC to quit the nutrilit mode.
9. Relative readings mode: press REL button to enter relative readings mode, shows zero value and the current reading will be stored for 0, click again this key exit the mode.
10. RESET mode: every time you press the button to "RESET" when, in addition to the backlight, HOLD, MAX/MIN, REL function, and the automatic shutdown function and the counter will return to original state.
11. The Backlight function: press "Backlight" button to open the function, and click on that close.
12. When measuring over, put the photometric detector cover of go back, and put the watch the power off.

【 The application 】

Can be widely used in home, school, hospital, offices, shops, hotels, factories and other places of monitoring and measurement of light.



【 suggestion brightness 】

Units: 1 Fc = 10.76 Lux

位置		Lux	fc
办公室	会议招待室	200~750	18~70
	职员办公室	700~1,500	65~140
	文员办公室	1,000~2,000	93~186
工厂	生产线上	300~750	28~70
	品检部门	750~1,500	70~140
	电子配件装配线	1,500~3,000	140~279
	包装入口	150~300	14~28
旅馆	客厅, 卫生间	100~200	9~18
	接待室	200~500	18~47
	收银员	750~1,000	70~93
商店	室内楼梯 走廊	150~200	14~18
	窗户, 桌子	750~1,500	70~140
	最前面的窗户	1,500~3,000	140~279
医院	病房, 仓库	100~200	9~18
	体检室	300~750	28~70
	手术室, 紧急处理室	750~1,500	70~140
学校	礼堂, 室内健身房	100~300	9~28
	教室	200~750	18~70
	实验室, 图书馆, 办公室	500~1,500	47~140

【 packing list 】

Photometric * 1, the instruction for use * 1, warranty card * 1, battery * 2, color box * 1, the canvas bag * 1





