

手持式 LED 光學量測儀

Specifications

波長範圍 wavelength range	: 360-760 nm
輸出光譜 output wavelength	: 1nm
數位解析度 digital resolution	: 16 bit
曝光時間 Exposure time range	: 8~1000ms
光纖輸入端子 Input	: SMA905
儲存介面 interface	: USB 2.0, SD card (support mass storage only)
螢幕 LCD	: 3.5" 320x240 彩色觸控螢幕 with colorful touchscreen
含電池重量 weight (including battery)	: 210g +_ 20g
外觀尺寸 dimension	: 144.2(W)x 78(H)x 24(D) mm

電池 battery	: 充電鋰電池, 充飽可用 5~6 小時 Rechargeable Li-ion battery (6 hours), 2500 mAh
量測功能 measurement capabilities	照度 illuminance, Lux ; 色座標 CIE 1976 & 1931 ; 主波長 peak wavelength ; 色溫 correlated color temperature (CCT); 演色性 correlated color index (CRI Ra); 光譜 Spectrum
照度範圍 illuminance meter function	Conditional support measure illuminance under 30C from 70 to 70,000 Lux.
光柵 grating	高科技微機電微型光柵技術 High tech. MEMS grating
感測器 sensor	CMOS 線性感測器 Linear spectrum image sensor
Cosine receipt area	6.6mm +_0.1mm

Wavelength Accuracy	$\pm 0.5 \text{ nm}$ (Measured under constant light input conditions)	
Illuminance Accuracy	Illuminant A @ 2856k at 20000 lux	$\pm 5\%$
Color Accuracy		± 0.002 in CIE x,y
Color Repeatability		± 0.0005 in CIE x,y
CCT Accuracy		$\pm 2\%$
CRI Accuracy @ Ra		$\pm 1.5\%$
檔案格式 Output file	Compatible MicroSoft Office Excel Date Format	
暗室校正 Dark Calibration	Yes (When start 開機時校正)	
操作溫度 operation temperature	0~35C	
儲存溫度 storage temperature	-10~45C	