

Colorimeter WR10 8mm

Hand-held Colorimeter WR10/WR18/WR22) is iWAVE years of painstaking development of the high-precision colorimeter, serially developed according to the measuring requirements on different products and gain many optimal achievements with high cost performance. The most convenient colorimeter: automatic correction when starting up (national patent). Environmental, low energy consumption instrument, high capacity lithium battery. Comfortable observation with real color screen display. Exquisite and delicate



Color Space	CIELAB
Color Difference Formula	ΔE^*_{ab}
Measurement Caliber	$\phi 8\text{mm}$
Illumination Condition	CIE Recommendation : 8/d
Light Source	D65
Sensor	Photodiode array
Observer	CIE 10° Standard observer
Measurement Range	L: 0 to 100
Repeated Accuracy	$\Delta E < 0.08$
Table Difference	$\Delta E < 0.2$
Measurement Interval	1 Sec.
Storage Capacity	Type sample data : 100 groups with testing sample data: 100 groups
Lifetime of Bulb	5 years more than 1.6 million measurements
Display Screen	TFT true color 2.8inch@(16:9)
Language	English/Simplified Chinese

Interface of External	USB2.0 (USB-B) RS-232 (115200bps)
WorkingTemperatureRange	0°C-40°C (32°F-104°F)
StorageTemperatureRange	-20°C-50°C (-4°F-122°F)
Humidity Range	Relative humidity less than 85%,without condensation
Weight	700g
Size	199*68*90mm
Package Size	400*240*340mm
Battery Charging Time	8 hrs
Battery	Li-ion battery, 5000 times Measurement
Standard Accessories	AC adapter/ 3000mAH Li-ion battery