Ⅴ Specifications

Model	PCE-CRM 40
Range	Illumination：0.1-150000lx，0.01-15000 fcd Color Temperature：1500-25000K Range：(5lx，>0.5fcd)automatically switch in four gears
Accuracy	Ev(linear)：±5% of reading ±1 digit xy：±0.003 （500lx，Standard light source A）
Repeatability	Ev：±2%+1 decimal digits（2σ） xy：±0.0005 （500lx，Standard light source A）
Correlative-spectral sensitivity	Consistent with CIE standard observer curve
Test Channel	Optional multiple channels, adapt to different lighting sources and applications; optional self-calibration channel.
Cosine correction（f2）	Ev: <3%
Parameters	Three stimulus values：XYZ Chroma value：Evxy；Evuv；Ev； Correlative color temperature：Tc； Chromatic aberration：Δ(XYZ)，Δ(Evxy)，Δ(Evuv)，ΔEvΔTcΔuv Chromaticity coordinates：ICE1931(x,y),ICE1976(u,v)； Main wavelength：λ d Color purity：Pe Luminous flux：Φ RGB Value
Other Functions	Multiple channel、Multiple standard sample、Large capacity data storage（more than 1000 times）；User-calibration; Automatic shutdown；Auto turn off backlight
Display Interface	One screen display：illumination Ev，CIE1931(x,y),CIE1976(u，v)，Color temperature Tc，Main wavelength λ d，Chroma purity Pe ，Luminous flux Φ
Language	Simplified Chinese， English
Interface	Micro USB 2.0
Power	Micro USB data line；2200mAh large capacity lithium battery
Operating Temperature and Humidity Range	-10-40°C，Correlative humidity <85%(35°C 时)，No condensation
Storage temperature and humidity range	-10-40°C，Correlative humidity <85%(35°C 时)，No condensation