

COLOR METER

PCE-CSM 6-ICA



- » **CIE L*a*b*C*h, CIE L*a*b***
- » **white calibration**
- » **determination of reference values and samples**
- » **measuring aperture: Ø8 mm**
- » **rechargeable lithium-ion battery**
- » **high accuracy**
- » **easy to use**
- » **incl. PC software**
- » **D65 light source**
- » **incl. ISO-Calibration Certificate**

The color meter PCE-CSM 6 was developed for quality control and offers a high accuracy. When using the color meter, you can choose between different color spaces (CIE L*a*b, CIE L*a*b*C*h). After a measurement with the color meter, the reading can be used as a reference value while other readings can be recorded as a sample and later be compared to the reference value easily.

In addition to the individual color space coordinates, the deviation between the reading is also displayed. When using the color meter, it is possible to store up to 100 reference values and up to 20,000 samples on the device. The measured data can also be transferred to a PC via the USB interface. A special PC software is included in the package.

Specification

General technical data

Display type	TFT colour display
Display size	2,8 Inch
Storage medium	Internal memory
Storage capacity	20000 Values
Memory capacity (additional information)	100 standard values, 20000 samples
Interface	USB-B
Sensor	Silicon photodiode
Light source	LED with blue excitation light Illuminant: D65
Colour spaces	CIEL*a*b*C*h
Measuring aperture	Ø 8 mm
Measuring geometry	8°/d
Calibration	White or black calibration selectable
Colour difference	ΔE*ab ΔL*a*b ΔE*C*h
Menu language	English, Chinese
Power supply	3.7 V / 0.5 A
Connector type	Device-europlug
Capacity	3200 mAh
Operating conditions	0 ... 40 °C, 0 ... 85 % RH
Storage conditions	-20 ... 50 °C, 0 ... 85 % RH
Dimensions (L x W x H)	205 x 70 x 100 mm
Weight	500 g