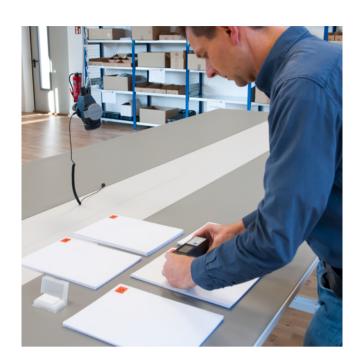


## Whiteness Meter PCE-WNM 100







Whiteness Meter PCE-WNM 100
White meter / Measuring range up to 120 / LC display / Interface / Li-Ion battery

The PCE-WNM 100 whiteness meter is used to measure the whiteness of flat surfaces or powders. In particular, the whiteness meter can be used to measure the white of textile prints, dyes, building materials, cardboard and paper as well as plastics. It can also be used to measure all other surfaces. The whiteness measuring device consists of a light source and an optical measuring system, which measures the reflection of the light and thus determines the whiteness of the surface according to ISO R457 (ISO 2469).

The whiteness meter can be used directly after an initial calibration on the supplied white standard. A memory of up to 245 measurement data allows a logging of the measured values. The measuring device can be connected to the PC via the serial interface. This makes it possible to log live the measurement data from the whiteness meter.

- ▶ 457 nm LED lighting
- ▶ 45/0 measuring geometry
- ► For many surfaces and materials
- ► LC display
- ▶ Li-ion battery
- ► Serial interface

## **Specifications**

Measuring range 0 ... 120

Resolution 0.1

Offset drift < 0.1

Repeatability < 0.5

Measurement geometry 45/0

Light source LED 457 nm

Calculation of the whiteness ISO R457 (blue light whiteness)

Measurement area 18 x 11 mm

Power supply Lithium ion battery

Operating conditions  $0 \dots 40^{\circ}\text{C} / 32 \dots 104^{\circ}\text{F}_{;} < 85\% \text{ rh}$ 

Weight 305 g / < 1 lb

Dimensions 140 x 45 x 75 mm / 5.5 x 1.8 x 3 in

## More information

Manual

More product info



**Similar products** 



Subject to change