

# Material Tester PCE-CT 21BT-ICA incl. ISO Calibration Certificate



## Material Tester with 5-point calibration / various interfaces /

**for measurement on ferrous metals / app connection / external probe / data storage / incl. ISO Calibration Certificate**

With this Coating Thickness Gauge, layer thicknesses on metallic surfaces can be reliably determined. The Coating Thickness Gauge has a measuring range of 1500 µm. This means that the Coating Thickness Gauge is used, for example, in a paint shop, for incoming goods inspection or for an expert.

With the Bluetooth interface on the Coating Thickness Gauge, all data can be transferred to a mobile iOS or Android device and exported as a CSV, PDF or TXT file. A live view with analysis of the measured values is also possible via the free app with the Coating Thickness Gauge.

In addition to the Bluetooth interface, the Coating Thickness Gauge has a micro USB interface. All data can also be transferred to the PC and analyzed via this interface in the Coating Thickness Gauge. Another special feature of this interface is that the Coating Thickness Gauge can also be operated without batteries via this interface. As a result, many measurement processes are no longer dependent on the battery charge level.

- ▶ Micro USB and Bluetooth interface
- ▶ Calibration foils included
- ▶ Adjustable alarm thresholds
- ▶ Backlit display
- ▶ Data storage for up to 600 measured values
- ▶ Measuring range up to 1500 µm
- ▶ incl. ISO Calibration Certificate

# Specifications

Measurable substrates	<b>Fe</b>
Probe	<b>external</b>
Measuring range	<b>0... 1500 µm</b>
Resolution	0.1 µm (in the measuring range 0... 99.9 µm) 1 µm (in the measuring range 100... 1500 µm)
Accuracy	± (1 µm + 2% of the layer thickness)
Units	µm, mil
Smallest curvature	convex 5 mm, concave 5 mm
Smallest measuring area	10 x 10 mm
Minimum thickness of the substrate	0.4 mm
Interface	Bluetooth, micro USB
Memory	10 groups with 60 measurements each
Power supply	2 x 1.5 V AA batteries, 5 V USB interface
Environmental conditions	-10... 50 °C, 10... 85% RH
Dimensions	126 x 69 x 35 mm (without sensor)
Weight	approx. 97 g (without batteries)

# More information

Manual



More product info



Similar products



Subject to change