Material Tester PCE-CT 23BT

Material Tester with 5-point calibration / various interfaces /

for measurement on ferrous and non-ferrous metals / app connection /
external probe / data storage

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

In addition to the Bluetooth interface, the Material Tester has a micro USB interface. All data can also be transferred to the PC and analyzed via this interface in the Material Tester. Another special feature of this interface is that the Material Tester 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 gene values
- Backlit display
- Data storage for up to 600 measured values
- Measuring range up to 1500 µm

Subject to change

Specifications

Measurable substrates	**Fe, NFe**
probe	**external**
measuring range	**0… 1500 µm**
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)

Subject to change