

# Material Thickness Tester PCE-CT 25FN



**Material Thickness Tester with convenient one-hand operation / MIN MAX and MEAN display /  
Battery indicator / various units / automatic shutdown /  
for ferrous and non-ferrous metals / small and compact design**

The Material Thickness Tester is used for the quick and precise detection of layer thicknesses on metals. In comparison to many other paint thickness gauges, this Material Thickness Tester does not have to differentiate between ferrous and non-ferrous metal. With the small and compact design of the Material Thickness Tester, one-hand operation is possible. Despite its small size, the coating thickness measuring device has a measuring range of 1500 µm and an accuracy of  $\pm (3\% + 1 \mu\text{m})$ .

The measured values displayed can be output in µm, mm and in mils on the Material Thickness Tester. In addition to measuring the layer thickness, the Material Thickness Tester can determine the smallest, the largest and also the mean value from a series of different measurements. The Material Thickness Tester also has an automatic switch-off function.

- ▶ small and compact design
- ▶ fast measuring frequency
- ▶ Calibration set included
- ▶ Different units can be selected
- ▶ also for continuous measurements
- ▶ comfortable one-hand operation

## Specifications

Measuring range	0 ... 1500 $\mu\text{m}$
Measurement accuracy	$\pm (3\% + 1 \mu\text{m})$
resolution	0.1 $\mu\text{m}$ in the measuring range 0 ... 100 $\mu\text{m}$ 1 $\mu\text{m}$ in the measuring range > 100 $\mu\text{m}$
units	$\mu\text{m}$ , mm, mils
Smallest curvature	convex 5 mm, concave 25 mm
Smallest measuring area	$\varnothing$ 20 mm
Minimum thickness of the substrate	Fe: 0.3 mm NFe: 0.05 mm
Measuring rate	Max. 2 Hz
Power supply	9 V block battery
Operating conditions	-10 ... 50 ° C, 20 ... 90% RH non-condensing
Storage conditions	-10 ... 60 ° C, 20 ... 90% RH non-condensing
Dimensions	143 x 85 x 39 mm
Weight	approx. 100 g
Housing material	SECTION

## More information

Manual



More product info



Similar products



Subject to change