

MATERIAL THICKNESS MEASUREMENT

THICKNESS METER PCE-TG 75

Material thickness measurement up to 225 mm

The thickness meter can measure material thicknesses up to 225 mm / 8.85". So that the material thickness of a wide variety of homogeneous materials can be measured, it is possible to store the corresponding speed of sound in the thickness meter. For materials such as steel, aluminum, zinc, silver and gold, the appropriate sound speeds are already stored in the

device library. This means that the thickness meter can be used universally. With the limit value function in the thickness meter, individual maximum and minimum values can be stored. If the measured value of the test piece is outside the limits, the thickness meter signals this visually.

ISO cal option

- ▶ measured value memory
- ▶ calibration reference on the housing
- ▶ automatic shutdown
- ▶ material thickness measurement up to 225 mm / 8.85"
- ▶ battery status indicator
- ▶ optionally with ISO calibration certificate



APPLICATION



TECHNICAL SPECIFICATIONS

Measuring range	1.00 ... 225.0 mm / 0.04 ... 8.85"
Resolution	0.01 mm at ≤ 99.99 mm 0.1 mm at ≥ 100.0 mm
Accuracy	± 0.5 % of measured value + 0.05 mm
Storage space	500 measured values
Probe frequency	5 MHz
Standard sensor	sensor PCE-TG 5M10d
Further specifications	
Adjustable speed of sound	1000 ... 9999 m/s
Smallest pipe diameter	$\varnothing 20 \times 3$ mm (steel)
Material library	15 memory locations
Calibration reference	4 mm
Display	2.4 inch TFT LCD color display with brightness adjustment
Power supply	3 x 1.5 V AA batteries
Automatic switch-off	switched off, 2, 5, 10, 30 minutes
Ambient conditions	0 ... 40 °C / 32 ... 104 °F, <90 % RH, non-condensing
Dimensions	163 x 82 x 38 mm / 6.4 x 3.2 x 1.5"
Weight	320 g / 11.2 oz

Optional accessories:

Standard probe for the PCE-TG 75/150	Order no.: PCE-TG 5M10d
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Subject to change without notice