

THICKNESS MEASUREMENT ULTRASONIC THICKNESS GAUGE

PCE-TG 150A

Material thickness meter up to 300 mm

The thickness meter can measure material thicknesses up to 300 mm / 11.81". 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 thick-

ness 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 300 mm / 11.81"
- » battery status indicator
- » data logger
- » optionally high temperature sensor
- » optionally with ISO calibration certificate



APPLICATION



TECHNICAL SPECIFICATIONS

Measuring range	1.00 ... 300.0 mm / 0.04 ... 11.81"
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	1500 measured values
Probe frequency	5 MHz / 2.5 MHz
Standard sensor	sensor PCE-TG 5M10d
Further specifications	
Adjustable speed of sound	1000 ... 9999 m/s
Smallest pipe diameter	Ø 20 x 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	168 x 87 x 35 mm / 6.4 x 3.2 x 1.5"
Weight	230 g / 8,11 oz

Further Model:

PCE-TG 150A HT Probe frequency 5 MHz

PCE-TG 150 F2.5 Probe frequency 2.5 MHz

Optional accessories:

2.5 Mhz sensor Order no.: PCE-TG 2.5M
 High temperature sensor Order no.: PCE-TG HT
 Miniature sensor Order no.: PCE-TG 5M6d
 Standard probe for the PCE-TG 75A/150A Order no.: PCE-TG 5M10d



Subject to change without notice