PCE-TG 250 Thickness Gauge

Thickness gauge to measure coating-covered surfaces such as colours on a homogeneous material such as metal, glass or plastics

The PCE-TG 250 thickness gauge is an ultrasonic device which is easy to use and ensures an accurate measurement of the material thickness. Sound velocity can be adjusted for this device, which makes it an ideal device to measure different materials like steel, aluminium, glass and standard plastic. This thickness gauge can take measurements of tanks, tubes and other materials that are covered. It is a very versatile device thanks to its small sensor head which makes it possible to take measurements in places that are enclosed or that are difficult to access. This device, without a doubt, surpasses other conventional thickness gauges. It is ideal for the use in quality control and for taking measurements without causing damage to the surface layer of the object that is measured. It can be set quickly to measure material thickness as well as that of coating thickness.

View prices

£/$

- Memory for up to 500 readings separated into groups of fiveMeasures surfaces which have been recovered

- Auto shut-off after approx. 3 minutes of inactivity to save battery powerAdjustable sound velocity to measure different materials

- Individual alarm limitsMeasures thickness from 1 up to 250.00mm

- Calibrates to either one or two pointsIntegrated steel calibration block

- Backlight display

Technical specifications

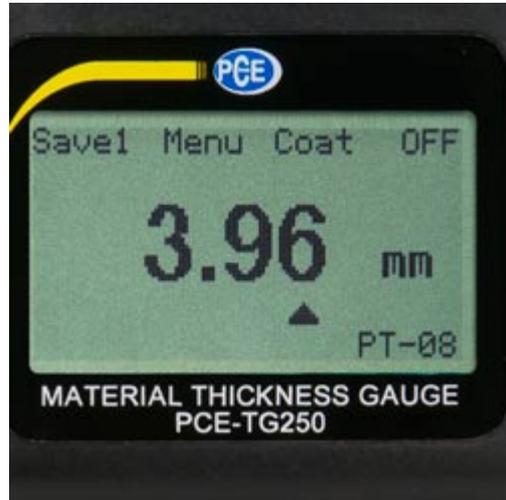|	
Measurement ranges	1.00 to 250.00mm (steel)
	2.50 to 20.00mm (recovered surfaces)
Accuracy	±0.5% of measuring +0.02 mm
Sensor head (included)	Frequency of 5 MHz
Resolution	±0.01mm (up to 100mm)
	±0.1mm (> 100mm)
Display	128 x 64 LCD (backlight)
Operating temperature	0 to 50ºC
Units of measurement	mm / inch (selectable)
Sound velocity	1,000 to 9,999 m/s
Memory	for up to 500 readings
Power	2 x 1.5 V AAA batteries
Battery level indicator	indicates when the battery is low
Dimensions	149 x 73 x 32mm
Weight	350gr

Images of use

Here is the PCE-TG 250 thickness gauge in its case.

Here is the PCE-TG 250 thickness gauge being used.

Here is the PCE-TG 250 in use

Contents
PCE-TG 250 thickness gauge, sensor head with cable, coupling gel, 4 level test block, carrying case and user's manual