

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.



- Memory for up to 500 readings separated into groups of five
- Measures surfaces which have been recovered
- Individual alarm limits
- Measures thickness from 1 up to 250.00mm
- Auto shut-off after approx. 3 minutes of inactivity to save battery power
- Adjustable sound velocity to measure different materials
- Calibrates to either one or two points
- Integrated steel calibration block
- Backlight display



Technical specifications

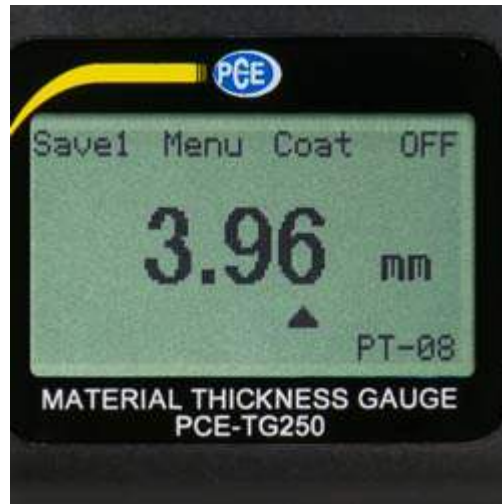
Measurement ranges
 Accuracy
 Sensor head (included)
 Resolution
 Display
 Operating temperature
 Units of measurement
 Sound velocity
 Memory
 Power
 Battery level indicator
 Dimensions
 Weight

1.00 to 250.00mm (steel)
 2.50 to 20.00mm (recovered surfaces)
 ±0.5% of measuring +0.02 mm
 Frequency of 5 MHz
 ±0.01mm (up to 100mm)
 ±0.1mm (> 100mm)
 128 x 64 LCD (backlight)
 0 to 50°C
 mm / inch (selectable)
 1,000 to 9,999 m/s
 for up to 500 readings
 2 x 1.5 V AAA batteries
 indicates when the battery is low
 149 x 73 x 32mm
 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

