

## Technical Material Thickness Meter PCE-CT 28

### Coating Thickness Gauge to determines thickness of coating on steel or iron (F) and non-ferrous metals (N) with high range of measurement

The PCE-CT 28 Coating Thickness Meter for cars is for measuring the thickness of paint and plastic on ferrous or non-ferrous materials without damaging the coating's surface. The Coating Thickness Meter stands out due to its high range of measurement. This Coating Thickness Meter should be one of the tools used by technicians in areas of paint or lacquering such as in production, automotive body repair or quality control. The Coating Thickness Meter is particularly useful in detecting damage to vehicles produced by an accident, for preventing possible damage or as a toll in auto body repair. Also, in the industrial sector, this device is essential for quality control in shipping and receiving and during production. It is ergonomical with an integrated sensor and it shows results of measurements quickly and accurately. It was designed for non-magnetic coatings such as plastic, chrome, zinc, copper, etc. and insulation such as rubber, plastic, glass and paper over steel, iron, aluminium, brass and stainless steel. Thanks to its wide measurement range, the coating thickness detector is ideal for the naval and metal industries.

- F / N: for materials including iron, steel, aluminium, copper, brass and stainless steel.
- instant results
- large measurement range
- vibrations do not influence readings
- Elastic lined measuring head to ensure accurate results and prevent wear.
- The v-slot simplifies the measurement on round surfaces acting as a reference or axis point.
- can be operated comfortably with only one hand thanks to its design and integrated sensor.
- optional ISO calibration certificate
- comes complete with battery, carrying case, calibration standards and user's manual

### Technical Specifications

Measurement range	0 to 1250µm
Resolution	0.1 µm (in a range of 0.0 to 99.9 µm) 1 µm (above the range)
Accuracy	±2% or 2.5 µm (highest reading is valid)
Minimum surface measurable	6 x 6mm
Minimum radial curve	convexed: 5mm / concaved: 60mm
Minimum thickness of material	0.3mm (for ferrous materials) 0.1mm (for non-ferrous materials)
Display	LCD with 4 x 10mm high digits

Operating temperature	0 to 50°C
Power	4 batteries
Dimensions	126 x 65 x 27mm
Weight	120g with batteries

**Delivery contents:**

- 1 x PCE-CT 28 Coating Thickness Gauge with integrated F/N sensor
- 1 x carrying case
- 4 x batteries
- 1 x set of calibration standards
- 1 x user's manual