

# Thickness Meter PCE-CT 27FN



## PCE-CT 27FN Thickness Meter

PCE-CT 27FN is a Thickness Meter that takes non-destructive measurements of nonmagnetic coating, insulating layer and dry film thickness (DFT) on metal substrates such as steel and aluminum. Ideal for surface testing, automotive paint inspection, material testing and manufacturing quality control applications, this Thickness Meter is designed to measure layers of paint, ink, plastic, chrome, copper, zinc, enamel, paper, glass, rubber and similar materials.

- Features an external sensor with v-groove for reliable measurement on small cylindrical parts
- Includes a set of calibration standards for ferrous and non-ferrous metals
- Comes with a set of plastic shims or foils

# Specifications

## Technical specifications

Measuring range	0 ... 1250 $\mu\text{m}$ / 0 ... 50 mils
Accuracy	$\pm(2\% + 2\ \mu\text{m})$ / $\pm(2\% + 0.1\ \text{mils})$
Resolution	0.1 $\mu\text{m}$ / 0.1 mil
Operating temperatures	-10° C... +50° C / +14° F ... +122° F
Power	2 x 1.5 V batteries
Dimensions	166 mm x 68 mm x 30 mm 6.54 in x 2.68 in x 1.18 in
Weight	0.180 kg / 0.40 lb

Subject to change