

Thickness Gauge PCE-CT 5000H



PCE-CT 5000H Thickness Gauge

Non-destructive coating and dry film thickness (DFT) measuring device for use on ferrous (Type F) and non-ferrous (Type N) metal substrates

PCE-CT 5000H is a thickness measuring instrument used for the rapid determination of coating thicknesses on ferrous (Type F) and non-ferrous (Type N) metals. The coating thickness gauge automatically detects the type of metal to be measured. The PCE-CT 5000H coating thickness gauge uses magnetic induction (ferrous) or eddy current (non-ferrous) to take non-destructive measurements of coating and dry film thickness (DFT) on metal substrates such as steel and aluminum.

This thickness gauge is ideal for painted and powder-coated surface testing, automotive paint inspection, coated material testing, and manufacturing quality control applications. Alarm limits can be set in the coating thickness gauge to notify the user when a coating is too thick or too thin. If a coating thickness measurement falls outside the established limits, a message appears on the display to alert the user.

- ▶ Designed for non-destructive testing and inspection
- ▶ Measures coating thickness on Fe and nFe metals
- ▶ Displays measuring units in μm , mm or mils
- ▶ Saves up to 2000 measurements to internal memory
- ▶ Practical V-groove on the measuring head
- ▶ One- to four-point and zero calibration
- ▶ Comfortable one-handed operation
- ▶ Programmable alarm limits
- ▶ High measuring range
- ▶ High measuring accuracy
- ▶ Automatic shutdown
- ▶ Optional ISO calibration certificate available for purchase separately - see accessories tab for details

