

Material Testers

PCE-CT 24

Car body tester to test metal coatings

The car body tester is a pocket size device for testing the condition of car bodies and determining the thickness of the varnish layer as well as checking whether the car was repaired after an accident. This car body tester allows the user to locate areas where filler has been used and to determine how thick it is.

- Pocket size tester
- Easy to clean and with integrated sensor
- Easy to use (even for non qualified people)
- LCD with backlight
- Auto shut-off



Technical specifications

Range	0 to 1000 µm
Resolution	1 µm
Accuracy	±7 digits <200 µm ±3 % ±4 digits >200 µm
Indicator	LCD with backlight
Operating temperature	0 to +50 °C
Power	9 V battery pack
Dimensions	148 x 105 x 42 mm
Weight	120 g



Contents

PCE-CT 24 car body tester and user's manual

Model No. Description

PCE-CT 24 Car body tester PCE-CT 24

PCE-CT 26

Waterproofing thickness gauge for metal coatings

This thickness gauge has been developed to measure non-magnetic coatings on ferrous surfaces in the automobile industry. Professionals in the sale and purchase of automobiles value this unit because they can identify areas of damage that a vehicle has potentially suffered in an accident. This thickness gauge is used to measure layers of varnish, isolating coatings or determining thickness of plastic foil laid on steel. The external probe makes it possible to take internal measurements. It's very easy to use, just switch it on, place the probe on the area to inspect and read the thickness of the paint on the LCD

- Easy to clean, with external probe (1.2 m cable)
- Easy to use (even for non qualified people)
- Digital LCD
- Zero reset on metals without paintwork
- Auto shut-off to protect battery life
- Memory containing 3 characteristics of user's calibration
- ISO Certificate (optional)



Technical specifications

Measurement range	0 to 2000 µm
Resolution	0.1 µm in the range 0.0 to 99.9 µm 1 µm in the range 100 to 2000 µm
Accuracy	±2 % or ±2.5 µm
Indicator	4 digit LCD
Operating temperature	0 to +50 °C
Power	4 AAA batteries 1.5 V (incl.)
Dimensions	126 x 65 x 27 mm
Weight	130 g incl. batteries



Contents

PCE-CT 26 coating thickness gauge, calibration plate, carrying case, batteries and user's manual

Model No. Description

PCE-CT 26 Coating thickness gauge PCE-CT 26

Optional accessories

CAL-DFT ISO Certificate

PCE-CT 28

Easy to use coating thickness meter to measure steel and non-ferrous metal surfaces.

The PCE-CT 28 coating thickness meter is an economical device for taking measurements without damaging steel and non ferrous metal surfaces. One significant advantage of the device is that it automatically detects the surface type, eliminating the need to select the surface type manually. The coating thickness meter with its integrated measurement sensor can be operated by pressing a single button, making it a very accurate device to use. It's ideal for measuring the surfaces of vehicles, making it very effective for steel or aluminium bodywork.

- Measurement range up to 1250 µm
- Automatic surface detection (F or FN)
- Wear resistant measurement head
- The V slot in the measurement head simplifies measuring rounded surfaces
- Easy and comfortable to use with only one hand
- Units interchangeable from µm to mils
- Auto shut-off to preserve battery power
- ISO Certificate (optional)



Technical specifications

Measurement range	0 to 1250 µm
Resolution	0.1 µm in the range 0.0 to 99.9 µm 1 µm in the range 100 to 1250 µm
Accuracy	±2 % or ±2.5 µm
Minimum object size	6 x 6 mm
Minimum substrate thickness	typ F: 0.3 mm typ N: 0.1 mm
Indicator	4 digit LCD
Operating temperature	0 ... +50 °C
Power	4 AAA batteries 1.5 V (incl.)
Dimensions	126 x 65 x 27 mm
Weight	120 g incl. batteries



Contents

PCE-CT 28 coating thickness gauge, calibration plate, carrying case, batteries and user's manual

Model No. Description

PCE-CT 28 Coating thickness gauge PCE-CT 28

Optional accessories

CAL-DFT ISO Certificate