Coating Thickness Gauges

5 Year Warranty

Technical Data:

Measuring range: 0-1250 µ m max. or 0-50 mils

Resolution: 0.1m m / 0.01mils(0-99µm) or 1µ m (over 100µm)

Guaranteed tolerance:
After one-point calibration: +/- 1-3%n or 2.5µ m (whichever is greater)

Display: 4 digits LCD

Min. measuring area: 0.2″ x 0.2″ (5mm x 5mm)

Min. radius of curvature: Convex: 0.12″ (3mm)
Concave: 1.2″ (30mm)

Min. substrate thickness: Ferrous: 20 mils (0.5mm)
Non-ferrous: 2 mils (50 m m)

Calibration: Zero Calibration
Foil calibration

Max. Surface temperature of test object: 302 degrees F (contact time max is 2 seconds)

Power source: 4 AA batteries

Dimensions: 161 x 69 x 32mm

Weight: 9oz. (260g)

PTG-3700/3750

The PHASE II PTG-3700 series of gages can perform two different methods of calculating thickness measurement by utilizing the characteristics of both eddy current and magnetic induction.

Testing performance is both non-destructive and extremely accurate.

With these state of the art thickness gages, you can easily detect the thickness of nonmagnetic coating on a magnetic substrate (ferrous) or an insulating coating on a non-magnetic conductive substrate (non-ferrous) utilizing either an integrated probe or our version that comes with an external probe.

The PHASE II PTG-3700/3750 can be used in many areas of industry including automotive paint measurement, manufacturing, general engineering, commercial inspection, etc.

The PTG-3700 utilizes an integrated probe that can automatically detect a Ferrous or Non-Ferrous substrate and comes with 2 substrate samples(steel,aluminum), 4 calibrated thickness samples, carry case, batteries and operation manual.

The PTG-3750 utilizes a probe attached via cable that can automatically detect a Ferrous or Non-Ferrous substrate and comes with 2 substrate samples(steel,aluminum), 4 calibrated thickness samples, carry case, batteries and operation manual.