

# Coating Thickness Gauges

28

## Main Technical Data:

- Measuring range: 0-2000 mm max. or 0-80 mils
- Resolution: 0.1mm/ 0.01mils(0-99mm)  
or 1mm (over 100mm)
- Guaranteed tolerance: After one-point calibration:  
+/- 1-3% or 2mm (whichever is greater)
- Display: 4 digits (digit height = 10mm/ 0.4")
- 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 mm)
- Calibration: Zero Calibration/ Foil calibration
  - \* Max. Surface temperature of test object: 302 degrees F  
(contact time max is 2 seconds)
- Power source: 4-AAA batteries
- Dimensions: 161 x 69 x 32mm
- Weight: 9oz. (260g)



PTG-3500 Integrated Coating Thickness Gauge

\$ 4 9 5

PTG-3550 Coating Thickness Gauge w./ External Probe

\$ 4 9 5

The PHASE II PTG-3500 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-3500 and PTG-3550 can be used in many areas of industry including manufacturing, general engineering, commercial inspection, etc.

The PTG-3500 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-3550 comes complete with 1pc external auto-detect Ferrous/ Non-Ferrous probe, 2 substrate samples (steel, aluminum), 4 calibrated thickness specimens, carry case, batteries and operation manual.