



Coating Thickness Gauge Meter

GM211



Version:211-EN-00

I. Product Description

This unit can make a quick and effective measurement of the thickness of the non-magnetic metal film on the nonmagnetic metal substrate and the non magnetic film of the magnetic metal substrate, be able to identify the magnetic or nonmagnetic metal substrate automatically, widely be applied in manufacturing industry, metal process, chemical industry, and business inspection.

Product Specifications:

Measurement ranges	0~1500 μ m/0~59mil/0~1.5mm
Resolution	(0.1 μ m(<100 μ m), 1 μ m(\geq 100 μ m))/ 0.1mil/0.001mm
Measuring error	\leq 150 μ m \pm 5 μ m
	>150 μ m \pm (3%H+1 μ m)
Minimum diameter of magnetic substrate	12mm
Minimum thickness of magnetic substrate	0.5mm
Minimum curvature radius of convex magnetic substrate	2mm
Minimum curvature radius of concave magnetic substrate	11mm
Minimum radius of non-magnetic substrate	50mm
Minimum substrate of non-magnetic substrate	0.5mm
Operating temperature range	0~40 $^{\circ}$ C
Operating humidity range	10~95%RH
Power supply	2*1.5V AAA batterie
Overall dimensions	61.98*30.57*107.99mm
Weight	63.98g(excluding of batteries)

II. Product Functions

- 1.Measuring the non-magnetic film on the magnetic metal substrate.
- 2.Thickness measurement of non-magnetic surface coatings on magnetic metal substrates.
- 3.Automatically identifying the non-magnetic metal substrate or magnetic metal substrate.
- 4.Single measurement, continuous measurement and differential measurement available.
- 5.Zero-point calibration, 2-point calibration and basic calibration available.