Coating Thickness Gauge GT235

Function

- Thickness measurement of non-magnetic coating on the surface of magnetic metal substrate.
- Thickness measurement of the non-metallic coating on the surface of the non-magnetic metal substrate.
- Automatic identification function of magnetic metal substrate and non-magnetic metal substrate.
- Three measurement methods: single continuous, and difference.
- With zero point, offset, and basic three calibration functions.
- Metric and Imperial unit selection.
- LCD backlight function.
- Automatic shutdown function

Specification

Measurement range	0 ~ 1800μm/70.8mil/1.8mm	
Resolution	(0.1μm(<100μm),1μm(≥100μm))/0.1mil/0.001mm	
Measurement error	≤150μm ±5μm	
	>150μm ±(3%H+1μm)	
Minimum diameter of magnetic metal substrate		12mm
Minimum thickness of magnetic metal substrate		0.5mm
Minimum radius of curvature for magnetic convex substrate		2mm
Minimum radius of curvature for magnetic concave substrate		11mm
Minimum diameter of non-magnetic metal substrate		50mm
Minimum thickness of non-magnetic metal substrate		0.5mm
Operating temperature	-20~+40°C	
Operating humidity	10 95%RH	
Dimension	62*27*121.5mm	
Power Supply	1.5V AAA battery*2	

Application



Petrochemical industry



Manufacturing



Commodity inspection



Ironmaking industry

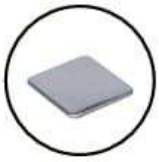


Spray paint





Aluminum base



Iron base



Calibration sheet