

COATING THICKNESS GAUGES (STANDARD TYPE)



FOR MAGNETIC AND
NON-MAGNETIC SUBSTRATES

- Separate probe, suitable for both magnetic and non-magnetic metal substrates
- Can measure the thickness of non-magnetic coating and non-metallic coating on magnetic metal substrate
Substrate: iron, steel, magnetic stainless steel
Coating: zinc, aluminum, copper, chrome, tin, plastic, powder, paint (not for nickel)
- Can measure the thickness of non-conductive coating on non-magnetic metal substrate
Substrate: copper, aluminum, zinc, non-magnetic stainless steel
Coating: plastic, powder, paint, anodizing (not for chrome and zinc plating)
- Upper and lower limits can be set, over-limit alarm alert
- Data statistics and chart analysis
- 2.4-inch rotatable color screen



ruby probe



Fe zero calibration plate
(included)



NFe zero calibration plate
(included)



standard foil
(included)

STANDARD DELIVERY

Main unit	1 pc
Probe	1 pc
Fe zero calibration plate	1 pc
NFe zero calibration plate	1 pc
Standard foil	1 set
1.5V AA battery	2 pcs



paint inspection



film thickness measurement



antirust paint layer measurement

SPECIFICATION

Part No.	5407-QM25	5407-QM26	5407-QM27
Measuring range	0~78mil	0~118mil	FE mode: 0~196mil, NFE mode: 0~118mil
Measuring principle	FE mode: magnetic induction NFE mode: eddy current effect		
Calibration mode	zero calibration, multi-point calibration		
Accuracy	±(2%L+.04mil): ≤78mil ±(3%L+.08mil): 78mil~118mil ±(5%L+.08mil): ≥118mil, L is measuring thickness in mils		
Resolution	.001mil (<10mil), .01mil (10mil~100mil), .1mil (≥100mil)		
Minimum curvature radius	convex .20" ; concave: .98"		
Minimum measuring area	.6" DIA		
Minimum substrate thickness	FE .008"; NFE .004"		
Storage	1300		
Operation environment	temperature: 14°F~122°F; humidity: 20%~90% (non-condensing)		
Unit	mil, inch, μm, mm		
Language	English, Chinese		
Power supply	2×1.5V AA batteries		
Dimension (L×W×H)	main unit: 5.79×3.03×1.30", probe: 2.64×.67" DIA		
Net Weight	main unit .30lb (exclude battery), probe .14lb		