

## COATING THICKNESS GAUGES (STANDARD TYPE)



FOR MAGNETIC AND  
NON-MAGNETIC SUBSTRATES

- 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



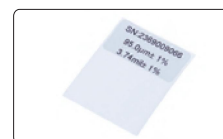
ruby probe



Fe zero calibration plate  
(included)



NFe zero calibration plate  
(included)



standard foil  
(included)



paint inspection



film thickness measurement



antirust paint layer measurement

### 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

### SPECIFICATION

Code	5405-QM21	5405-QM22	5405-QM23
Measuring range	0~2000μm	0~3000μm	FE mode: 0~5000μm, NFE mode : 0~3000μm
Measuring principle	FE mode: magnetic induction NFE mode: eddy current effect		
Calibration mode	zero calibration, multi-point calibration		
Accuracy	±(2%L+1μm): ≤1500μm ±(3%L+2μm): 1500μm~3000μm ±(5%L+2μm): ≥3000μm, L is measuring thickness in μm		
Resolution	0.1μm (<100μm), 1μm (≥100μm)		
Minimum curvature radius	convex: 5mm; concave: 25mm		
Minimum measuring area	Ø15mm		
Minimum substrate thickness	FE: 0.2mm; NFE: 0.1mm		
Storage	1300		
Operation environment	temperature: -10°C~50°C; humidity: 20%~90% (non-condensing)		
Unit	μm, mm, mil, inch		
Language	English, Chinese		
Power supply	2×1.5V AA batteries		
Dimension (L×W×H)	147×77×33mm		
Net weight	135g (exclude battery)		