

COATING THICKNESS GAUGES (ADVANCED TYPE)

- 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)
- Built-in temperature compensation ensures precise measurements, capable of measuring ultra-thin coatings
- Zinc coating weight mode displays zinc layer thickness and weight
- Upper and lower limits can be set, over-limit alarm alert
- Data statistics and chart analysis
- Color LCD screen automatically rotates for different angles



Fe zero calibration plate
(included)



NFe zero calibration plate
(included)



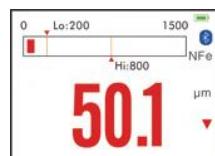
standard foil
(included)



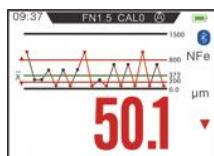
reading only



reading and statistics



reading and bar graph



reading and run chart

SPECIFICATION

Code	5411-TC15	5411-TC30	5411-TF50
Measuring range	FE/NFE (auto recognition): 0~1500μm	FE/NFE (auto recognition): 0~3000μm	FE: 0~5000μm
Accuracy	±(2%L+1μm): ≤1500μm ±(3%L+1.5μm): >1500μm, L is measuring thickness in μm		
Resolution	0.1μm (0~99.9μm), 1μm (100μm~3000μm)		
Measuring principle	FE mode: magnetic induction, NFE mode: eddy current effect		
Calibration mode	zero calibration, one point calibration, two-point calibration, five-point calibration		
Measuring mode	single mode, continuous mode, average mode, zinc coating weight mode (for FE mode only)		
Minimum curvature radius	convex: 5mm; concave: 25mm		
Minimum measuring area	Ø6mm		
Minimum substrate thickness	0.3mm		
Storage	1600 (100×16 groups)		
Operation environment	temperature: -10°C~50°C; humidity: <80% (non-condensing)		
Unit	μm, mil		
Language	English, Chinese		
Power supply	2×1.5V AA batteries or USB		
Dimensions (L×W×H)	134×67×38mm		
Net weight	135g		

STANDARD DELIVERY

Part No.	5411-TC15	5411-TC30	5411-TF50
Main unit	1 pc	1 pc	
Fe zero calibration plate	1 pc	1 pc	
NFe zero calibration plate	1 pc	—	
Standard foil	1 set	1 set	
1.5V AA battery	2 pcs	2 pcs	
Protective case	1 pc	1 pc	