

- 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)
- 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)



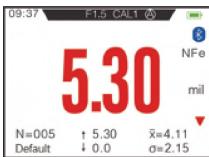
NFe zero calibration plate  
(included)



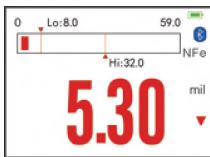
standard foil  
(included)



reading only



## reading and statistics



## reading and bar graph



reading and run chart

## SPECIFICATION

<b>Part No.</b>	<b>5411-TC15</b>	<b>5411-TC30</b>	<b>5411-TF50*</b>
<b>Measuring range</b>	FE/NFE (auto recognition): 0~59mils	FE/NFE (auto recognition): 0~118mils	FE: 0~196mils
<b>Accuracy</b>	$\leq 59\text{mils: } \pm (.04\text{mils} + 2\%L)$ $>59\text{mils: } \pm (.06\text{mils} + 3\%L)$ , L is measuring thickness in mils		
<b>Resolution</b>	0.01mils (0~9.99mils), 0.1mils (10.0~99.9mils), 1mil ( $\geq 100\text{mils}$ )		
<b>Measuring principle</b>	FE mode: magnetic induction, NFE mode: eddy current effect		FE mode: magnetic induction
<b>Calibration mode</b>	zero calibration, one point calibration, two-point calibration, five-point calibration		
<b>Measuring mode</b>	single mode, continuous mode, average mode, zinc coating weight mode (for FE mode only)		
<b>Minimum curvature radius</b>	convex .20"; concave .98"		
<b>Minimum measuring area</b>	.24" DIA		
<b>Minimum substrate thickness</b>	.01"		
<b>Storage</b>	1600 (100×16 groups)		
<b>Operation environment</b>	temperature: 14°F~122°F; humidity: <80% (non-condensing)		
<b>Unit</b>	mil, $\mu\text{m}$		
<b>Language</b>	English, Chinese		
<b>Power supply</b>	2×1.5V AA batteries or USB		
<b>Dimensions (L×W×H)</b>	5.28×2.64×1.50"		
<b>Net weight</b>	.30lb		

## 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