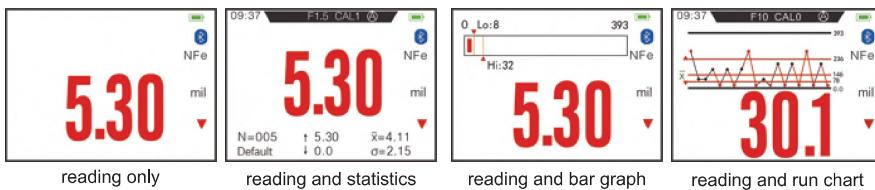


# LARGE RANGE COATING THICKNESS GAUGE (ADVANCED TYPE)

## PART No. 5414-TF100

- 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)
- 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



### SPECIFICATION

<b>Measuring range</b>	0~393mils
<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>	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>	.79"
<b>Minimum measuring area</b>	.63" 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>	$\mu\text{m}$ , mil
<b>Language</b>	English, Chinese
<b>Power supply</b>	2×1.5V AA batteries or USB
<b>Dimensions (L×W×H)</b>	main unit: 5.28×2.64×1.50", probe: 1.22" DIA×33" (cable included)
<b>Net weight</b>	.57lb (probe included)

### STANDARD DELIVERY

<b>Main unit</b>	1 pc
<b>Probe (5414-TF100-P)</b>	1 pc
<b>Fe zero calibration plate</b>	1 pc
<b>Standard foil</b>	1 set
<b>1.5V AA battery</b>	2 pcs
<b>Protective case</b>	1 pc

