

# LARGE RANGE COATING THICKNESS GAUGE (ADVANCED TYPE)

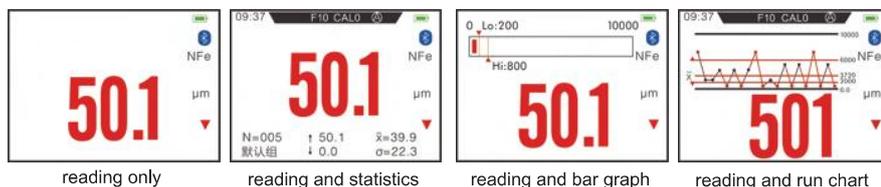
## CODE 5414-TF100

- 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



5414-TF100

5414-TF100-P  
probe (included)



### SPECIFICATION

Measuring range	0~10000μm
Accuracy	±(2%L+1μm): ≤1500μm ±(3%L+1.5μm): >1500μm, L is measuring thickness in μm
Resolution	0.1μm (0~99.9μm), 1μm (100~999μm), 0.01mm (1.00~9.99mm), 0.1mm (10.0mm)
Measuring principle	magnetic induction
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	20mm
Minimum measuring area	∅16mm
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)	main unit: 134×67×38mm, probe: ∅31mm×850mm (cable included)
Net weight	260g (probe included)

### STANDARD DELIVERY

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



Fe zero calibration plate  
(included)



standard foil  
(included)