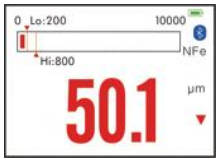
LARGE RANGE COATING THICKNESS GAUGE (ADVANCED TYPE)
CODE 5414-TF100

INSPECTION CERTIFICATE

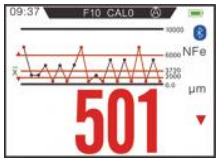
- Can measure the thickness of non-magnetic coating and non-metallic coating on magnetic metal substrate
  Substrate: iron, steel, magnetic stainless steel
  Coating: zinc, aluminum, copper, chrome, tin, plastic, powder, paint (not for nickel)
- Built-in temperature compensation ensures precise measurements, 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

reading only

reading and statistics



reading and bar graph



reading and run chart

5414-TF100

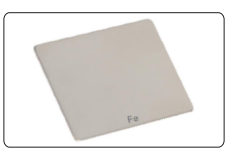
5414-TF100-P
probe (included)

SPECIFICATION

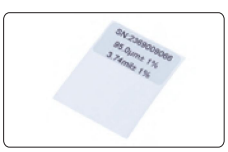
Measuring range	0~10000μm
Accuracy	±(2%L+1μm): ≤1500μm ±(3%L+1.5μm): >1500μm, L is measuring thickness in μm
Resolution	0.1μm (0~99.9μm), 1μm (100~999μm), 0.01mm (1.00~9.99mm), 0.1mm (10.0mm)
Measuring principle	magnetic induction
Calibration mode	zero calibration, one point calibration, two-point calibration, five-point calibration
Measuring mode	single mode, continous mode, average mode, zinc coating weight mode (for FE mode only)
Minimum curvature radius	20mm
Minimum measuring area	Ø16mm
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: Ø31mm×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)