

## Features

Accuracy:  $\pm (2 \mu\text{m} + 3 \% \text{ of reading})$   
Rugged and easy-to-handle coating thickness gauge  
For fast and precise measurements of non-magnetic coatings on steel and insulating coatings on non-ferrous metals  
Ram- and impact-protected through rubber rimmed casing  
Sensor with newly developed wear-resistant carbide metal tip  
Coating thickness measurement up to 2 or 3 mm  
External sensor  
Proven measuring methods  
For fast and precise measurements of non-magnetic coatings on steel and insulating coatings on non-ferrous metals  
DIN EN ISO 1461, 2178, 2360, 2808, 3882, ASTM B 244, B 499, D7091, E 376

# Coating Thickness Gauge

## ITK-MINITEST-650B

## SPECIFICATION

### Measuring Range

#### Model F (steel)

0 - 3000  $\mu\text{m}$  / 120 mils

#### Model FN (dual sensor)

0 - 2000  $\mu\text{m}$  / 80 mils

### Measuring Uncertainty

$\pm (3\% \text{ of reading} + 2 \mu\text{m}) / \pm (3 \% \text{ of reading} + 0.08 \text{ mils})$

### Minimum curvature radius convex

10 mm

### Minimum curvature radius concave

50 mm

### Minimum measuring area

$\varnothing 50 \text{ mm}$

### Minimum base thickness:

0.7 mm (F) / 0.1 mm (N)

### Display

4-digit screen data (11 mm)

### Measuring units

according to model:  $\mu\text{m}/\text{mm}$  or mils/inch

### Calibration

factory calibration , zero-point calibration

### Power supply

3 Micro AAA batteries (for more than 10,000 readings)

### International standards

DIN EN ISO 1461, 2178, 2360, 2808, 3882, ASTM B 244, B 499, D7091, E 376

### Dimensions and weight

**Housing:** 70 mm x 122 mm x 32 mm / 2.7" x 4.8" x 1.26"

**Sensor:**  $\varnothing 15 \text{ mm} \times 62 \text{ mm} / \varnothing 0.60" \times 2.44"$ ; 225 grams / 7.93 ozs

### Ambient temperature

**Gauge:** 0 to 50  $^{\circ}\text{C}$  / 32 to 122  $^{\circ}\text{F}$

**Sensor:** -10 to 70  $^{\circ}\text{C}$  / 14 to 158  $^{\circ}\text{F}$



เครื่องวัดความหนา

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