

# BAKER

...a passion for precision

## High Precision Digital Coating Thickness Gauge

### Salient Features

- High Sensitivity, Simplicity & Ease of operation with Automatic Probe Recognition
- Large number of new generation wear resistant transducers of wide purpose of application with algorithms that avoid influence of wear on measurement accuracy
- Various measuring modes, wide range of functions for work with statistics.
- Larger keypad and Block-weight white display for long AA Battery of regulars TFT display with 3.2" diagonal ensure user-friendly interface

### Applications

- Dielectric (paint, lacquer, enamel, plastic, teflon, anodic oxide, mastic and other) coatings on products from ferrous and non-ferrous metals.
- Galvanic (nickel, zinc, chrome, cadmium, tin, silver, copper and other) coatings on products from ferrous and nonferrous metals.
- Lacquer, paint and galvanic coatings on inner surfaces of pipes and cylindrical products.
- Protective layer of concrete and determination of steel reinforcement position in concrete.



### Technical Specifications

Measurement range - 0.5  $\mu\text{m}$  – 10 mm

- Quantity of transducers- Unlimited (Customer's selection) Quantity of stored measurement results – 500 Nos.
- Calibration methods one-point calibration (zero on uncoated substrate) two-point
- Working Conditions:- Temp. 10 - 50°C & Humidity –  $\leq 90\%$
- L.C – 0.1  $\mu\text{m}$  & Accuracy:-  $\pm (3\%H+1) \mu\text{m}$

### Probe Details:-

**F1 Probe** :- Magnetic Steel & Iron ( Range – 0 – 1250  $\mu\text{m}$ )

- Tip Diameter:- 7 mm & Mini. Curvature Radius -3 mm

**F1/90 Probe** :- Magnetic Steel & Iron ( Range :- 1 – 1250  $\mu\text{m}$ )

- Tip Diameter:- 7 mm & Mini. Curvature Radius -3 mm
- Application - Paint, Insulation, Powder, CED, Galvanic Zn, Ag, Cd, Ni, Cu Ti, Zn-Ni Mixture, Black Zn, Hard Chrome etc.

**N1 Probe** :- Eddy Current base for Copper, Aluminum, Zinc & Tin (Range :- 1 – 1250  $\mu\text{m}$ )

- Tip Diameter:- 5 mm & Mini. Curvature Radius - 4 mm
- Application - Paint, Powder, Anodizing, or Galvanic Zinc, Tin, Cu etc.



Associate of Laddha Group Established : 1932



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