株式会社サンコウ電子研究所
SANKO ELECTRONIC LABORATORY CO.,LTD.

Electro-magnetic Coating Thickness Meter

Pro-S

One pole type probe for coating and lining on the-spot-site use

SPECIAL FEATURES

- Traditional analog meter type ・・ Thickness is intuitively readable.
- Compact body・・・・ Even more small sized is made. (volume ratio 90% suitable for on-site)
- 0～5mm wide range ・・・ Available widely to measurement from thin films to linings.
- Special electrode probe・・Anti-abrasive CVD treatment is performed.
- Dial cover provided as a standard item・・Avoid misalignment of adjustment points caused by accidental contacts.
  ※This is not for the purpose of protecting drifts of the meter pointer caused by temperature differences or surroundings.

APPLICATIONS

This is an electromagnetic coating thickness meter used for non destructive measurement of thicknesses of non conductive films such as paintings, linings and non magnetic metallic films like plating on the ferrous substrate.

2 point-adjustment system is adopted, conforming to the rules, standards and criteria of the Domestic public organizations, Group organizations, Government and municipal offices, Research institutes and foundations and overseas standards such as ASTM and ISO. ※Including steel, Ferritic stainless steel (SUS430 etc.)

● Paintings (steel structures such as bridges, ships and steel pipes. and automobiles, home steel appliances ［refrigerator, washing machine］, steel furniture and fixtures.)

● Linings (resin, tar epoxy, rubber, enamel etc.)

● Plating※ (nonmagnetic plating such as Chrome, Zinc, Copper and Tin.) ※ Excluding electrolysis nickel plating

● Metallikon, Parkerizing, Oxide films, Spray deposit films etc.)

● Measurement of resin films/non-magnetic foils (measured on a ferrous basis)

SPECIFICATION

Method

Electromagnetic Type

Measuring object

Non-conductive film and non-magnetic film on the ferrous substrate (including and ferritic stainless such as SUS430 etc.)

Measuring range

0～500μm・0.2～5mm

Measuring accuracy

±2μm against uniform surface or±5% of reading (whichever is larger)

Probe

One point contact constant
Pressure type φ17x85mm
Electrode: Ultra anti-abrasive with CVD treatment

Power source

Dry batteries (1.5 V) x 6 pcs

Operating temperature

0～40 (w/o condensation)

Dimensions

137 (D) x 50 (H) x 110 (W)

Weight

about470g

Accessories

Carrying case, standard plates, Standard plate case, Batteries, Instruction manual