

KUSAM-MECO[®]

An ISO 9001:2008 Company

DIGITAL COATING THICKNESS GAUGE

Model KM 8042

FEATURES :

- By electromagnetic method, the meter can measure the coating thickness non-destructively, including paint, spray-plastic, rubber, enamel, or chrome plate, copperizing, aluminum plating on steel, iron, non-austenitic stainless steel.
- Four digitals LCD display, differentiating upto μm .
- System calibrating by user-self.
- Pocket shell, convenient for engineering locale.
- Thickness unit " μm " or "mil" optional.
- Micro-controller controls, high accuracy.
- Coupling state display
- Shut down manually or automatically.
- Low battery voltage indication.



Preliminary Data

GENERAL SPECIFICATIONS :

- * Digital display: 4 digitals.
- * Measurement range: 0~1200 μm .
- * Resolution: 1 μm .
- * Accuracy: $\pm (3\%H+2\mu\text{m})$
- * Measurement rate: 0.5 second.
- * Display units: μm or mil.
- * Critical thickness of metallic base: 1mm.
- * Minimum thickness of metallic base: 0.2mm.
- * Minimum curvature radius: protruding 1.5mm, concave 6mm.
- * Probe diameter: 13mm.
- * Power supply: 7# alkaline cell, 1.5V*3.

ACCESSORIES :

Probe, 1.5V x 3 alkaline Battery, User's manual & Carrying Case.

All Specifications are subject to change without prior notice

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