

**DIGITAL ULTRASONIC THICKNESS GAUGE****FEATURES :**

- Ultrasonic measures thickness
- Various material (metal/glass/plastics/ pottery and other materials) optional
- Ultrasonic velocity adjustable
- Measuring velocity function
- Thickness unit mm/inch convertible
- Coupling indication.
- Build in a metal piece for calibration
- Low battery voltage indication
- Auto power off

**GENERAL SPECIFICATIONS :**

- \* According to European union's CE safety norms
- \* Ultrasonic frequency : 5MHz
- \* Digital display : 4 digitals.
- \* Measuring range : 1.2mm ~ 225mm ( steel )
- \* Pipe measures : minimum dia. 20 \* 3mm (steel)
- \* Velocity range : 1000 ~ 9999 m/s
- \* Resolution : 0.1mm.
- \* Accuracy :  $\pm (1\% H + 0.1\text{mm})$
- \* Response time : 0.5 S
- \* Operating temperature : 0 ~ 40°C
- \* Operating humidity : 10 to 90% RH

**ACCESSORIES :**

Ultrasonic sensor, 1.5V x 3AAA Battery, Wrist strap, User's manual & Carrying Case.



Preliminary Data

**DIGITAL COATING THICKNESS GAUGE****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  $\mu\text{m}$ .
- System calibrating by user-self.
- Pocket shell, convenient for engineering locale.
- Thickness unit " $\mu\text{m}$ " or "mil" optional.
- Micro-controller controls, high accuracy.
- Coupling state display
- Shut down manually or automatically.
- Low battery voltage indication.

**GENERAL SPECIFICATIONS :**

- \* Digital display: 4 digitals.
- \* Measurement range: 0~1200 $\mu\text{m}$ .
- \* Resolution: 1 $\mu\text{m}$ .
- \* Accuracy:  $\pm (3\%H + 2\mu\text{m})$
- \* Measurement rate: 0.5 second.
- \* Display units:  $\mu\text{m}$  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.



Preliminary Data

All Specifications are subject to change without prior notice