

DIGITAL THICKNESS GAUGE

This Thickness Meter is small in size, light in weight, easy to carry. Although complex and advanced, it is convenient to use and operate. Its ruggedness will allow many years of use if proper operating techniques are followed. Please read the following instructions carefully and always keep this manual within easy reach.

1. FEATURES

- * Used the exclusive Micro-computer LSI circuit and crystal time base to offer high accuracy measurement .
- * With high power of emission and broad band of receiving sensitivity, the gauge can match probes of different frequencies. That makes it easy to measure the rough surface, even cast iron. It is widely used in almost all kinds of industries.
- * Applicable to measure the thickness of many materials, e. g. Steel, Cast iron, Aluminum, Red copper, Brass, Zinc, Quartz glass, Polyethylene, PVC, Gray cast iron, Nodular cast iron.
- * Automatic power off to conserve power.
- * Can communicate with PC computer for statistics and printing by the optional cable and the software for RS232C interface .

2. SPECIFICATIONS

Display: 4 digits, 10 mm LCD
 Range: 1.0~200mm (45# steel)
 Resolution: 0.1 mm/0.001inch
 Accuracy: $\pm (0.5\%n+0.1)$
 Sound velocity: 500 ~9000 m/s
 Power supply 4x 1.5v AAA (UM-4) battery
 Operating condition: Temp. 0~50°C
 Humidity <80%
 Size: 120x62x30mm (4.7x2.4x1.2inch)
 Weight: about 164g
 (not including batteries)

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Accessory:

- Carrying case..... 1 pc.
- Operation manual..... 1 pc.
- Ultrasonic sensor 1 pc.

Optional accessories:

- Cable & software for RS232C

3. FRONT PANEL DESCRIPTIONS



- 3-1 Sensor plug
- 3-2 Display
- 3-3 mm/inch key
- 3-4 Power key
- 3-5 Material selection key
- 3-6 Plus key
- 3-7 Ultrasonic sensor
- 3-8 Calibration key
- 3-9 Minus key
- 3-10 Battery Compartment/Cover
- 3-11 Coupling indicator
- 3-12 Standard block
- 3-13 Velocity key
- 3-14 RS232C interface

