

Ultrasonic Thickness Gauge UM6500

Application

Used for measuring thickness and corrosion of pressure vessels, chemical equipment, boilers, oil storage tanks, etc. in industries of petroleum, shipbuilding, power station, and machine manufacturing.

Materials measured: only 11 types of materials, including steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, PVC, gray cast iron, nodular cast iron

High resolution measurement

Probe automatic zero calibration for system error correction

Capture the value of the minimum thickness.

Status indicator of the coupling and low battery.

Auto sleep and auto power off function to conserve battery life.

Humanized shape design, compact and portable, Can be used in harsh environment.

Specifications

1) Display: 4.5 digits LCD with EL backlight.

2) Operating principle: ULTRASONIC

3) Measuring range (metric/imperial): 1.0-200mm, 0.05-8inch (in Steel).

4) Resolution: 0.1mm;

5) Accuracy: $\pm(0.5\%H+0.1)$ mm, depends on materials and conditions

6) Units: Metric/Imperial unit selectable.

7) Power supply: 4x1.5 AAA size (UM-4) battery 1

8) Battery indicator: low battery indicator

9) Operating conditions: 0-+45°C (32F-104F), $\leq 90\%$ RH

10) Dimensions: Main Unit 140mm×60mm×22mm

11) Gross Weight : 1KG

12) Standard Delivery: Main Unit, 8mm Probe, Coupling Oil, User Manual , Carrying Case