

Ultrasonic Thickness Gauge

Model: TM-8812



Specification

Application: Used for measuring thickness and corrosion of pressure vessels, chemical equipment, boilers, oil storage tanks, and industrial pipe work etc. **Industry Types:** petroleum, shipbuilding, power stations, machine manufacturing and water.

Measuring Range: 1.2 ~ 225mm (0.05 ~ 9inch)

Operating principle: Ultrasonic

Materials Measured: Any hard materials, including: Steel, Cast Iron, Aluminium, Copper, Brass, Zinc, Quartz Glass, Polyethylene, PVC, Grey Cast Iron, Stainless Steel, and other material.

Sound Velocity: 500 ~ 9000m/s

Lower limit steel pipes: 15x2.0mm, 20x3.0mm determined by the transducer

Calibration Block: Included

Resolution: 0.1mm

Accuracy: +/- (0,5 % or +0,1mm)

RS232C Interface: With RS232C

Power supply: 4x1.5VAAA (UM-4)

Battery Indicator: Low battery indication

Operating conditions: 0 ~ 40°C/ 10 ~ 90%RH

Dimension: 120x62x30mm

Weight (not including battery) : 164g

Standard Delivery

Main Unit: 1

5M Ø 10mm Transducer: 1

Couplant: 1

Instruction Manual: 1

Carrying Case: 1

Optional Accessories

6M Ø 6mm thin material probe: Measuring Range(Steel): 1.0 ~ 50.0mm

Operating Temp: -10 ~ + 60°C

5M Ø 12mm High temperature probe: Measuring Range (Steel) 4.0 ~ 100mm

Operating temp: -10 ~ +300°C

Cable & Software for RS232C interface