

**Features**

Ultrasonic Thickness Gauge(TM-8816)

**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.

**Features:**

\* Materials measured: any hard materials, including steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, PVC, gray cast iron, nodular cast iron and other materials

\* Operating principle: ULTRASONIC

\* low battery indicator

\* Optional cable and software for RS232C

**Specification:**

Measuring range (metric/imperial)	1.0-200mm,0.05-8inch
Sound velocity	500-9000m/s
Lower limit steel pipes	φ15x2.0mm, φ20x3.0mm determined by the transducer
Calibration block	included
Resolution	0.1mm(TM8816C 0.01mm)
Accuracy	±(0.5%n+0.1)
RS232C interface	with RS232C
Power	4x1.5V AAA (UM-4)battery
Operating conditions	0-+45°C(32°F-104°F), ≤90%RH
Dimensions	120x62x30mm
weight	164g(not including battery)