

Ultrasonic Thickness Meter  
MODEL NO. TM-1240



**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. 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

**KEY FEATURES**

- 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.
- Automatic memory material code and sound velocity value, convenient to use.
- Coupling symbol indication when measuring.
- Manual or automatic power off.
- Applies USB, RS-232, Bluetooth data output.

**Material Selection**

**Code Material**

Cd01: Steel  
cd02: Cast Iron  
cd03 :Aluminum  
cd04: Red Copper  
cd05 :Brass  
cd06: Zinc  
cd07:Quartz Glass

**Code Material**

cd08: Polyethylene  
cd09: PVC  
cd10: Gray Cast Iron  
cd11: Nodular Cast Iron  
xxxx: Sound Velocity

## SPECIFICATIONS

Display	4 Digit, 10 mm LCD
Operating Principle	Ultrasonic
Measuring Range (metric / Imperial)	0.75~400 mm(45# steel)(depend on probe)
Battery Indication	Low Battery Indication
Sound Velocity	1000~9999 m/s
Lower Limit Steel Pipes	Φ15 x 2.0 mm Φ20 x 3.0 mm determined by transducer
Calibration Block	Included
Accuracy	± (0.5%n + 0.1)
Resolution	0.1mm / 0.01mm / 0.001 inch
Automatic memory material code and the value of sound velocity	
Power off	Auto Power off & Manual Power Off
Operating Conditions	Temperature: 0~40 °C, Humidity: < 85 %RH
Power Supply	4 x 1.5 V AAA (UM-4) Battery
Dimensions	140 x 72 x 34 mm
Weight	185 g (Not Including Batteries)

## ACCESSORIES

### **Standard Accessories:**

1. Main Unit;
2. 5MΦ8 Standard Sensor
3. The bottle for Coupling Agent.
4. Carrying Case
5. Operating Manual

### **Optional accessories:**

1. Other Special-purpose Probe
2. RS-232C Data Cable with Software
3. Bluetooth Data Adapter with Software

## **BESTONE INDUSTRIAL LTD.**

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