

Ultrasonic Thickness Meter



TM-1240

Model: TM-1240 (Enhanced Type, Wide Range)

Applications

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.

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	Code	Material
cd01	Steel	cd07	Quartz Glass
cd02	Cast Iron	cd08	Polyethylene
cd03	Aluminum	cd09	PVC
cd04	Red Copper	cd10	Gray Cast Iron
cd05	Brass	cd11	Nodular Cast Iron
cd06	Zinc	xxxx	Sound Velocity

Specifications

Model	TM-1240
Display	LCD
Operating Principle	Ultrasonic
Measuring Range	0.75~400mm (45# steel) (Depend on Probe)
Resolution	0.1mm / 0.01mm / 0.001inch
Accuracy	± (0.5%n + 0.1)
Lower Limit of Pipes	Φ 15 x 2.0 mm Φ 20 x 3.0 mm Determined By Transducer
Sound Velocity	1000~9999 m/s
Operating Conditions	Temperature: 0~40°C Humidity: < 85%RH
Power Supply	4x1.5V AAA (UM-4) Battery
Dimensions	140x72x34mm
Weight	185g (Not Including Batteries)

Standard Accessories	Main Unit
	Standard Probe
	Coupling Agent
	Carrying Case (B04)
	Operation Manual

Optional Accessories	Other Special-purpose Probe
	RS-232C Data Cable with Software
	Bluetooth Data Adapter with Software

