Ultrasonic Thickness Gauge

NEW

Description

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.

- Multi-mode: Pulse-Echo mode (used for flaw and pit detection) and Echo-Echo mode (used for measurements eliminating paint or coating thickness)
- Using the latest high performance and low power consumption microprocessor technology
- Automatic memory material code and sound velocity value, convenient to use
- Use USB/RS-232 data output to connect with PC
- With coupling status prompt function
- Automatic power off



Art.No.	543-1030	543-1060
Barcode	6976367671761	6976367671778
Working mode	There are two working modes of thickness measurement: single mode and scan mode	
Display	LCD LCD with backlight	
Measuring unit	mm/in	
Range	Pulse-Echo mode: 1.0mm~300mm(in steel) Echo-Echo mode: 3mm~30mm	Pulse-Echo mode: 0.65mm~600mm(in steel) Echo-Echo mode: 3mm~60mm
Resolution	0.1mm / 0.01mm / 0.001inch	
Accuracy	±(0.5%n+0.05mm), depends on materials and conditions	
Measurement Period	4 times per second for single point mode and 10 times per second for scan mode	
Sound Velocity	1000m/s~9999 m/s	
Data storage	Memory for up to 20 files(99 values for each file)of stored values	
Operating Conditions	Temperature:0~40°C Humidity:<85%RH	
Power Supply	4x1.5V AAA(UM-4)Battery	
Dimensions	142x72x34mm	
Weight	175g(Not Including Batteries)	

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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.

- Suitable For Various Materials Such As Steel, Stainless Steel, Aluminum, Glass, Polystyrene, Polyethylene
- Auto Probe Zero Calibration
- Auto Probe Identify
- 5MHz Dual element probe
- Measuring Range: 0.65-400mm
- 9 Material Velocities Are Stored For Selection Or Input The New Velocity
- Large display with backlight
- Auto/Manual Gain Adjustable
- Automatic power off



Art.No.	543-2040
Barcode	6976367674083
Display	LCD with backlight 128x64
Range	T-E mode: 0.65mm~400mm
Resolution	0.01mm / 0.001inch
Accuracy	±0.04mm(when thickness<9.99mm) ±(0.1% thickness+0.04)mm when thickness=10-99.9mm) ±0.3% thickness mm when thickness>100mm
Probe	Dual element, 5MHz
Sound Velocity	1000m/s~9999 m/s
Meaurment rate	2/s and 10/s in fast mode
Operating Conditions	Temperature: -20~50°C Humidity: <85%RH
Power Supply	2x AAA Battery
Dimensions	115x64x27mm
Weight	220g(Including Batteries)