

ULTRASONIC THICKNESS GAUGE

WT100A

Measuring range: 1.00~225.0mm

WT130A

Measuring range: 1.00~300.0mm

The Intelligent Handheld Ultrasonic Thickness Gauge is microprocessor controlled and can measure thickness quickly and accurately and with sound of various materials without ultrasonic measurement damage.



LCD Display
Setting



USB Charging



Chinese / English
Switch



Data Storage
/View /Delete



Automatic
Shutdown



Sound Alarm
(Limit Value)

FIVE COLOR CHOICES

Five screen colors are available (Blue, orange, green, purple, gray) . You can choose your favorite screen according to your mood. At the same time, the screen brightness is adjustable, making it easy to work in bright or dark environments.



	WT100A	WT130A
Measuring range	1.00~225.0mm	1.00~300.0mm
Data storage	500	1500
Probe selection	×	√
Operation frequency	5MHz	5MHz/ 2.5MHz
Measurement error	±(0.5%H+0.05) mm	
Lower limit of pipe measurement	Ø20x3mm (steel)	
Adjustment range of sound speed	1000~9999m/s	
Temperature range of operation	0~40°C	
Battery	3 Ni-MH rechargeable batteries of 1.2V	
USB charging	5V 1A	

Probe	Measurement parameters	Measurement parameters
5Md10	1.0~225.0mm	1.0~300.0mm
5Md6	X	1.0~50.0mm
2.5M	X	1.2~300.0mm
High temperature	X	1.2~300.0mm

PRODUCT DETAILS

It can also be widely used in manufacturing, metal processing, commodity inspection and other materials that allow ultrasonic waves.



The WT130A has two types of probes





Sound Velocities of Common Materials

Material	Velocity (m/s)	Material	Velocity (m/s)
Aluminum	6320	Acetate resin	2670
Zinc	4170	Phosphor bronze	3530
Silver	3600	Turpentine	4430
Gold	3240	Glass	5440
Tin	3230	Incoloy alloy	5720
Iron / Steel	5900	Magnesium	6310
Brass	4640	Monel alloy	6020
Copper	4700	Nickle	5630
SUS	5790	Steel 4330 (mild)	5850
Acrylic resin	2730	Steel 330	5660
Water (20°C)	1480	Titanium	6070
Glycerinl	1920	Zirconium	4650
Soluble glass	2350	Nylon	2620



It is transmitted at a constant speed and can distinguish waves reflected from the back side for this instrument.

It can also be widely used in manufacturing, metal processing, commodity inspection and other materials that allow ultrasonic waves.

The Intelligent Handheld Ultrasonic Thickness Gauge is microprocessor controlled and can measure thickness quickly and accurately and with sound of various materials without ultrasonic measurement damage.

This tool is capable of accurately measuring parts in different materials or industrial production, as well as monitoring pressure vessels for pipes and production equipment, as well as the extent to which various parts are corroded



SCOPE OF APPLICATION

Wide application: The ultrasonic thickness gauge is suitable for the material that conduct and reflect constant sonic , such as metal, plastic, ceramic, glass, etc.



