

MIDLAND METROLOGY LTD

iThick-200 Ultrasonic Thickness Gauge



Description

- Three measurement mode: P E I E and TEST. These are adopted to accurately measure the thickness.
- I E mode enable the gauge to measure thickness through coatings.
- High precision timing chip and v path calibration model are adopted with wide measurement range and high measurement accuracy.
- Information can be stored including thickness measurement value, measured sound velocity and time information.
- The display resolution is 0.1mm/0.01mm and the error limit is 0.4% H. H is the thickness of the workpiece.
- The contrast of the liquid crystal display is adjustable and has LED backlight display.
- Power indication function displaying the remaining power of the battery.

Technical Specification

Measurement Range	Basic Type: 1.0-500mm Cast Iron Type: 2.0-500mm High Precision Type: 0.85-300mm High Temperature Type: 4.0-8.0mm
Velocity Range	(1000-9999)m/s
Measurement Speed	4 times/second
Measurement Accuracy	0.01mm
Display	FSTN LCD Display with Cold Light Source Illumination Display
Working Voltage	2 x 1.5V
Continuous Working Time	50 Hours (Without Backlight)
Data Storage	50 Groups of Measurement Results incl Measurement Time & Sound Velocity.
Detectable Workpiece	Carbon Steel, Cast Steel, Alloy Steel, Stainless Steel, Copper, Aluminium,
Materials	Titanium and other Conductor Materials
Display Content	Thickness Value, Coupling State, Electric Quantity State, Calibration State, Sound Velocity, Time etc.
Power Supply	2 x 3.7V Lithium Battery
Dimensions	155mm x 68mm x 27mm
Weight	230g

Packing List

	Name	Qty.
	Host	1
Standard	AA Battery	2
Configurations	Iron Based Test Block	1
	Aluminium Based Test Block	1
	Manual	1
	Case	1
Optional	High Temperature Probe	1
Configurations	Small Diameter Temp. Probe	1
	Large Diameter Temp. Probe	1

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