

# MIDLAND METROLOGY LTD

## iThick-4000 Ultrasonic Thickness Gauge



### Description

- This gauge has a function of measuring through the coating when there is a coating or pain layer on the surface of the measured material. The actual thickness of the workpiece substrate can be obtained without grinding and damaging the surface of the coating.
- Simple and easy to operate.
- Users can see waveform on the screen.
- Can be converted between mm and inch.
- Large capacity data storage function. Can store 100000 thickness values.
- Standby time up to 35 hours.

### Technical Specification

Measuring Range	0.6-508mm (0.025-20.00Inches)
Measurement Resolution	0.01mm or 0.1mm (0.001" or 0.01"
Velocity Range	500-9999m/s 0.0179-0.3937in/μs
Display Screen	2.4QVGA(320x240) IPS Colour Screen. Contrast Ratio 1000:1
Display Mode	Thickness value mode, min/max capture mode.
Unit	mm of inch
V Path Connection	Automatic v path correction to compensate nonlinearity of crystal probe
Meas. Update Rate	40 values of saved data
Standby Time	Low Bright for approx. 15 Hrs High Brightness for approx. 7 Hrs
Alarm Settings	Max/Min Alarm dynamically changes thickness reading colour in alarm
Power Supply	2 x 1.5V AA Batteries
Weight	280g Battery Included
Dimensions	151 x 76 x 37mm

### Packing List

	Name	Qty.
	Main Unit	1
	Probe	1
Standard	Alkaline Battery	2
Configurations	Couplant	1
	Manual	1
	Warranty Card	1
	Product Certificate	1
	Case	1
	High Temperature Probe (5MHz)	1
	Cast Iron Probe	1
Optional	Small Diameter Tube Probe	1
Configurations	Micro Probe	1
	Probe Line	1
	Step Test Block	1
	Rubber Sheath	1
	Storage Options	

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