

ULTRASONIC COATING THICKNESS GAUGE IPX-250S™

Handheld ultrasonic thickness gauge for wall thickness measurement of various materials

- Easy to operate ultrasonic wall thickness gauge
- Suitable for various materials such as steel, stainless steel, aluminium, glass, polystyrene, polyethylene
- Standard 5.0MHz transducer included, optional transducers 7.5MHz, 2.0MHz, 5.0MHz high temperature
- Sound velocity range 1000 up to 9999m/s
- Clear 4-Digit LCD display with settings
- Display resolution selectable at 0.1mm - 0.01mm - 0.01inch - 0.001inch
- Fast calibration on integrated standard block of 4.00mm (5920/m/s)
- Backlight display for dark environment

Optional:

Model with data memory and print function: see next page



Technical specifications

Display	128x32 LCD with backlight
Measuring range	0.65 - 250.0mm (0.026 - 9.843inch) (range depends on probe-material combination)
Velocity rate	1000 - 9999m/s (0.0393 - 0.3936inch/us)
Probe 5.0MHz (standard)	Measuring range 1.0mm - 200.0mm
Probe 7.5MHz (miniature)	Measuring range 0.65mm - 50.0mm /measuring surface 6mm
Probe 2.0MHz (low frequency)	Measuring range 2.0mm - 250mm
Measuring range for steel pipes	Minimum 3mm thickness x 20mm diameter (5MHz probe)
Display resolution selectable	0.1mm - 0.01mm - 0.01inch - 0.001inch
Calibration	On integrated 4.0mm steel standard plate
Measurement accuracy	0.65 - 9.99mm : +/- 0.04mm 10 - 99.99mm : +/- (0.1%+0.04)mm 100 - 250mm : +/- 0.3%
Measuring units	Mm/inch
Memory	Non
Surface temperature	Standard -15°C to +150°C (special probes available)
Battery indicator	Low battery voltage indicator
Power supply	AAA dry cell 1.5V (2 pcs)
Dimensions	61mm x 108mm x 26mm
Weight of main unit	150gr including batteries

Standard delivery

- Main unit
- Standard 5MHz probe
- Integrated steel calibration plate 4.0mm (5920m/s)
- Batteries AAA 1.5V (2 pcs)
- Ultrasonic couplant
- Manual
- INSPEX certificate
- Carrying suitcase

Optional accessories

- Probe miniature 7.5MHz
- Probe low frequency 2.0MHz
- Probe high temperature 5.0 MHz

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