



## Ultrasonic Thickness Gauge IPX-250LCX

Handheld ultrasonic thickness gauge basic model with selectable sound velocity for various materials

### Features

- Basic model ultrasonic wall thickness gauge
- Suitable for various materials such as steel, stainless steel, aluminium, glass, polystyrene, polyethylene
- Standard 5.0MHz transducer included, optional transducers 6.0MHz, 5.0MHz high temperature up to 300°C
- Sound velocity range 500 up to 9000 m/s
- Clear 4-Digit LCD display with settings
- Display resolution at 0.1mm / 0.001"
- Fast calibration on integrated standard block of 5mm (5920m/s)



### TECHNICAL SPECIFICATION

|                                 |  |
|---------------------------------|--|
| Display                         | 4 Digit, segment, LCD  |
| Measuring range                 | 1.2-200mm (45# steel)<br>(range depends on probe-material combination) |
| Velocity rate                   | 1000-9000m/s   |
| Probe 5.0MHz (standard)         | Measuring range 1.5-200.0mm  |
| Probe 6.0MHz (miniature)        | Measuring range (steel) 1.0-50.0mm / measuring surface 6mm             |
| Probe 5.0MHz (high temperature) | Measuring range (steel) 1.2-225.0mm up to 300°C                        |
| Measuring range for steel pipes | Minimum 3mm thickness x 20mm diameter (5MHz probe)                     |
| Display resolution              | 0.1mm - 0.001inch  |
| Calibration                     | On integrated 5.0mm steel standard plate                               |
| Measurement accuracy            | +/- (0.5%n+0.1)  |
| Measuring units                 | mm/inch  |
| Surface temperature             | Standard 0°C to +50°C (special probes available)                       |
| Battery indicator               | Low battery voltage indicator  |
| Power supply                    | 9V 6F22 battery (1pc) (not included)                                   |
| Dimensions                      | 140mm x 71mm x 32mm  |
| Weight                          | 300gr  |

### Standard Delivery

- Main unit
- Standard 5MHz probe
- Integrated steel calibration plate 5.0mm (5920m/s)
- Manual
- INSPEX certificate
- Carrying suitcase

### Optional Accessories

- Standard probe 5.0MHz, 1.2-225mm
- Small bore probe 5.0MHz, 1.0-100mm
- High temperature probe 5.0MHz up to 300°C, 3-225mm