



## ULTRASONIC THICKNESS GAUGE KT-100B/200B SERIES

### Features:

- Pocket size, easy to operate
- Automatic Probe Zero Calibration
- Automatic Probe identification
- Suitable for various materials such as steel, stainless steel, aluminum, glass, polystyrene, polyethylene
- Average calculation of max 9 readings
- Limits setting Low-High
- Standard 5.0MHz transducer included, optional transducers 7.5MHz, 2.0MHz, 5.0MHz high temperature
- Sound velocity range 1000 up to 9999m/s
- Display resolution selectable at 0.1mm/0.01 inches and 0.01mm/0.001 inches
- Memory of readings with location number

### Technical Specification

	KT-100B	KT-200B
Display: 128×64 with backlight	✓	✓
Measuring range : 0.65-400mm (0.025-15.78inch) (range depends on probe-material combination)	✓	✓
Velocity rate : 1000-9999m/s (0.0393-0.3936inch/us)	✓	✓
Average mode: 2 to 9 times average measurement		✓
Limit setting: With Low-High indication and alarm		✓
Calibration : Auto	✓	✓
Display Resolution: 0.01mm(0.001inch) for thickness up to 99.99mm (3.936 inch) 0.1mm(0.01inch) for thickness above 99.99mm (3.93 inch)	✓	✓
Measuring units: mm/inch	✓	✓
Memory: Memory of max. 5000 readings with location number		✓
Data output: USB to PC		✓
Surface temperature: -15°C to +150°C (special probes available)	✓	✓
Battery indicator : Low battery voltage indicator	✓	✓
Power supply : AAA dry cell 1.5V (2 pcs)	✓	✓
Dimensions: 115 × 64 × 27mm	✓	✓
Weight: 220g including batteries	✓	✓

### Specification for Transducers

Model	Frequency	Measuring range	Diameter	Temperature
D5008	5.0MHz	0.8-300mm	Ø8	<60°C
D5113	5.0MHz	3.0-200mm	Ø13	<350°C
D7006	7.5MHz	0.7-50mm	Ø6	<60°C
D7004	10.0MHz	0.65-20mm	Ø4	<60°C
D2012	2.0MHz	2.0-400.0	Ø12	<60°C

### Standard Delivery

Main unit  
 Standard 5MHz transducer D5008  
 Operation manual  
 Two AAA batteries  
 Built-in calibration block 4mm  
 Carrying case  
 Couplant 40 Oz  
 Certificates  
 Software and cable (KT-200B)

