



Features:

- Portable size and easy operation
- Suitable for any metallic and non-metallic materials ultrasonic can go through
- Self-compensating of nonlinearity function is supplied for correction of pickup nonlinearity
- Optional 2.5MHz, 5MHz and 7MHz transducers are available
- Clear 4-Digit LCD display with backlight
- 5 pre-set sound velocities for repeating applications
- 10 measuring values recorded for TT100/110/120/130 mm / inch selectable
- TT100 and TT130 are suitable for thickness testing of various materials with sound speed range 1000-9999m/s
- TT110 and TT120 are easy-operation models with only two keys suitable for thickness testing of steel
- TT120: high-temperature model with range up to 300
- TT140: metal shell, all keys-obturation to prevent oil stain, increase application life, 100 measuring values recorded

Technical Specification

| | TT100 | TT110 | TT120 | TT130 | TT140 |
|---------------------------------|--|----------|-------------|--------------|------------------------------|
| Measuring range | 0.75~300.00mm (steel) (depends on probe) | | | | |
| Measuring range for steel pipes | φ20 × 3.0mm | | | | |
| Diameter of transducer | φ10 (standard) φ6 (optional) φ12(optional) | | | | |
| Display resolution | 0.1mm | | 0.01mm | | 0.1mm |
| Calibration | 4.0mm steel base plate integrated | | | | |
| Tolerance | ± (1%H+0.1) mm (H means the thickness of tested piece) | | | | |
| Measuring units | mm/inch | | | | |
| Sound velocity range | 1000-9999m/s | 5900 m/s | | 1000-9999m/s | 1000-9999m/s |
| Display | 4-Digital LCD | | | | 4-Digital LCD with backlight |
| Surface temperature | -10 to +60 | | -10 to +300 | -10 to +60 | -10 to +60 |
| Battery indicator | Low battery voltage indicator | | | | |
| Power supply | 2Pcs.AA batteries 1.5V | | | | |
| Working time | 250 hours | | | | |
| Dimensions | 126 × 68 × 23mm | | | | |
| Weight | Approx.250 including batteries | | | | |

Standard Delivery

| | |
|--|---|
| Main unit | 1 |
| 5MHz straight transducer (for TT100/110/120/130) | 1 |
| 5MHz angle transducer (for TT100/110/130) | 1 |
| ZW5P high temperature transducer (for TT120) | 1 |
| Integrated steel calibration plate 4.0mm | 1 |
| Batteries AA1.5V | 2 |
| Couplant | 1 |
| TIME certificate | 1 |
| Warranty card | 1 |
| Instruction manual | 1 |

Optional Accessory

Optional accessories (see page 41)