

TT100/110/120/130

ULTRASONIC THICKNESS GAUGE

Standard Delivery

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



TT100



TT110



TT120



TT130

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
- 10 measuring values recorded
- Optional 2.5MHz, 5MHz and 7MHz transducers are available
- 5 pre-set sound velocities for repeating applications
- TT100 and TT130 are suitable for thickness testing of various materials with sound speed range 1000-9999m/s
- TT100 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°C; easy-operation model with only two keys suitable for thickness testing of steel

| | TT100 | TT110 | TT120 | TT130 |
|---------------------------------|---|----------|-----------------|----------------|
| Measuring range | 0.75 – 300.00mm (steel)(depends on probe) | | | |
| Measuring range for steel pipes | Min.3.0mm thickness ×Ø20 diameter | | | |
| Diameter of transducer | Ø10 (standard) Ø6 (optional) Ø12(optional) | | | |
| Display resolution | 0.1mm | | | 0.01mm |
| Calibration | 4.0mm steel base plate integrated | | | |
| Tolerance | ±(1%H+0.1) mm (H means the thickness of tested piece) | | | |
| Measuring units | mm or mm/inch | mm/inch | mm/inch | mm/inch |
| Sound velocity range | 1000-9999m/s | 5900 m/s | 5900 m/s | 1000-9999m/s |
| Display | 4-Digital LCD | | | |
| Surface temperature | -10°C to +60°C | | -10°C to +300°C | -10°C to +60°C |
| Battery indicator | Low battery voltage indicator | | | |
| Power supply | 2 Pcs. AA batteries 1.5V | | | |
| Operation time | 250 hours | | | |
| Dimensions | 126mm×68mm×23mm | | | |
| Weight | Approx. 250g including batteries | | | |