

ULTRASONIC THICKNESS GAGE (FOR THICK WORKPIECES MADE OF ORGANIC MATERIALS) CODE ISU-710D

SPECIFICATION(ON STEEL)

| | | |
|------------------------|---------------|---|
| Measuring range | | 20~590mm |
| Measuring unit | | mm/inch |
| Resolution | | 0.1/0.01mm |
| Accuracy | | ±(0.04+0.1%H)mm (H: 10~99.9mm) ±(0.3%H)mm (H>100mm) H is the thickness to be measured in mm |
| Transducer | Type | Monocrystal probe |
| | Frequency | 1.0MHz |
| | Diameter (Ød) | 26mm |
| Display | | 320×240, color screen display |
| Velocity | | 1000~9999m/s |
| Measuring frequency | | 2 times/second and 10 times/second |
| Applicable temperature | | -20~50°C |
| Output | | USB |
| Power supply | | 2×1.5V AA batteries |
| Dimension | | 133×75×29mm |
| Weight | | 260g (including batteries) |

STANDARD DELIVERY

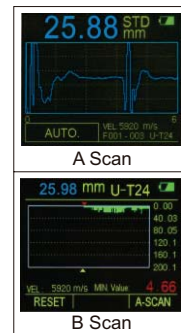
| | |
|--------------|----------|
| Main unit | 1 pc |
| Transducer | 1 pc |
| Battery (AA) | 2 pcs |
| Couplant | 1 bottle |
| USB cable | 1 pc |



couplant (included)

DATA
OUTPUT

WITH A AND B SCAN



- For thick workpieces made of organic materials
- A scan, through the waveform, judges whether there are impurities, pores, cracks and so on inside, in order to avoid wrong measurement
- B scan, measures continuously, displays the thickness change on the screen
- Transducers can be automatically identified and zeroed
- Memory 10000 measurement values
- Data can be input to Excel and Word as keyboard signal
- Automatic or manual measurement
- When transducers are removed from workpieces, the measurement data are held on screen for easy viewing
- Set upper and lower limits for alarm when out-of-tolerance
- Automatic power off