

# FICHA TÉCNICA

## ULTRASONIC THICKNESS GAGE (BASIC TYPE) CODE ISU-100D



- Measure the thickness from one side of objects, suitable for pipes, tanks, etc.
- Applicable material: steel, stainless steel, glass, copper, brass, polystyrene, titanium, etc.

### SPECIFICATION (ON STEEL)

|                       |               |                                                                                                                    |
|-----------------------|---------------|--------------------------------------------------------------------------------------------------------------------|
| Measuring range       |               | 0.8~300mm                                                                                                          |
| Resolution            |               | 0.1/0.01mm                                                                                                         |
| Accuracy              |               | ±0.05mm (H<10mm)<br>±(0.05+H/1000)mm (10≤H<100mm)<br>±H/333mm (H≥100mm)<br>H is the thickness to be measured in mm |
| Transducer            | frequency     | 5MHz                                                                                                               |
|                       | diameter (Ød) | 10.8mm                                                                                                             |
| Minimum size of pipes |               | 20×1.2mm (diameter×wall thickness)                                                                                 |
| Velocity              |               | 1000-9999m/s                                                                                                       |
| Operation temperature |               | main unit: -20~50°C<br>transducer: -20~60°C                                                                        |
| Measuring unit        |               | mm/inch                                                                                                            |
| Power supply          |               | 2×AAA batteries                                                                                                    |
| Dimension             |               | 114×64×28mm                                                                                                        |
| Weight                |               | 200g                                                                                                               |

### STANDARD DELIVERY

|               |          |
|---------------|----------|
| Main unit     | 1 pc     |
| Transducer    | 1 pc     |
| Couplant      | 1 bottle |
| Battery (AAA) | 2 pcs    |