



Specification

Measuring range	1.00 to 300.0mm(steel)
Accuracy	$\pm(1\%H+0.1\text{mm})$ H denotes the measured thickness
Working frequency	5MHz
Resolution	0.01mm(1.00 to 99.99mm) 0.1mm(100 to 300mm)
Minimum limit for tube measuring (steel)	$\Phi 15 \times 2.0\text{mm}$ (6mm transducer) $\Phi 20 \times 3.0\text{mm}$ (10mm transducer)
Sound velocity range	1000 to 9999m/s Thickness $\leq 25\text{mm}$, accuracy of velocity: $\pm 1.25\text{mm}/H \times 100\%$ Thickness $\geq 25\text{mm}$, accuracy of velocity: $\pm 5\%$
Operating environment	Operation temperature: 0 to 40°C Relative Humidity: <90% Do not apply in violent vibration / erosive material Avoid impact and humidity
Power supply	1.5V AAA * 3 PCS
Weight	223g
Size	72*29*146mm

Function

1. Auto calibration to assure the accuracy
2. Sound velocity measurement: with a given thickness to
3. Measure the sound velocity to improve accuracy
4. Preset 12 sound velocities for different material
5. Coupling status indication
6. 12 thickness measurement data store and recall
7. Thickness alarm setup
8. Backlight display
9. Low battery indication
10. Auto power off
11. Metric / Imperial selection
12. Measuring mode selection

LCD display



- ①. Coupling indicator
- ②. Transducer Frequency
- ③. Back light icon
- ④. Battery power
- ⑤. Thickness unit
- ⑥. Sound velocity indicator
- ⑦. Measuring mode selection
- ⑧. Sound velocity unit
- ⑨. Sound velocity reading
- ⑩. Velocity stored unit
- ⑪. Thickness reading

- On/off/backlight key
- Key for mode setup and retrieval of data saved.
- Key for sound speed adjustment
- Key for confirmation and calibration
- Key for sound speed selection, adjustment, depth value adjustment and alarming value adjustment.
- Key for sound speed selection, adjustment, thickness value adjustment and alarming value adjustment.

