

JT5106 Ultrasonic Thickness Gauge



Digital ultrasonic thickness meter is a rugged and versatile thickness testing equipment made by On the one hand, it can measure super thin parts with minimum thickness up to 0.15 mm for steel. On the other hand, it supports high precision measurement with the resolution up to 0.001 mm.

Portable thickness gauge is designed to test the wall thickness and corrosion of various kinds of plates, pipes, boiler vessels, widely applied in industries like metallurgy, shipbuilding, machinery, chemical, petroleum, aerospace, aviation, electric power, nuclear energy, oil and gas pipelines, boiler inspection, pressure vessels and others, which plays an important role in safe operation of equipment and modernization management.

Technical Specifications

- Display: 128 x 64 LCD with LED backlight and adjustable contrast
- Measuring Range: 0.15 – 20 mm
- Velocity Range: 1000 - 9999 m/s
- Resolution: 0.001 mm
- Measuring accuracy: $\pm 0.005\text{mm}$ (thickness under 3mm); $\pm 0.01\text{mm}$ (thickness under 20mm)
- Storage: 500 values of saved data
- Power Source: 2 x 1.5V AA batteries
- Working Time: more than 20 hours (LED backlight off)
- Outline Dimensions: 153 x 67 x 26 mm
- Weight: 220 g

Main Functions

- Suitable especially for testing the thin workpieces while keeping high accuracy
- I-E testing mode and E-E testing mode
- Sound velocity testing and single point calibration
- Sound alarm and different modes are available
- Free conversion between metric and imperial
- Printing out results and transfer to PC