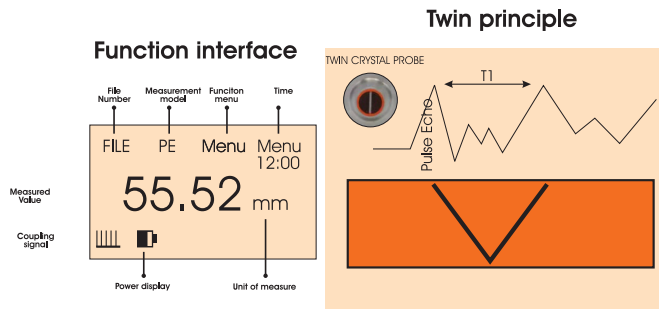


# TT-100 Pro Ultrasonic Thickness Gauge



**APPLICATION FIELD:**

The thickness gauge is based on the principle of pulse reflection ultrasonic measurement. Widely used in petroleum, chemical industry, metallurgy, shipbuilding, aviation, aerospace and other fields.

**FEATURES**

- Adopting PE and VERI measurement modes, accurate thickness measurement can be carried out for various materials.
- Using high precision timing chip and V-PATH calibration model, the measurement range is wide and the measurement precision is high.
- Display resolution 0.01mm.
- Liquid Crystal Display contrast adjustable, and with LED backlight display, can be used in a variety of environments.

**TECHNICAL SPECIFICATIONS**

Particulars	
Working theory	Ultrasonic
Test Model	PE/VERI
Resolution	0.01mm
Testing Material	Steel, Iron, Glass, Plastic, Aluminium
Storage Capacity	500 groups data
Humidity	≤90%
Size	150 * 71 * 33mm
Display	0.01mm

Particulars	
Testing arrange	0.65 - 500 mm
Display Size	2.0" FSTN, 128 * 64 lattice, LED
Velocity Range	1000-9999m/s
Testing System	Metric/English
Testing Temperature	0 ~ 50°C
Power	2 * 1.5V AA battery
Weight	160g

**OPTIONAL PROBE SELECTION**

Mode	Features	Frequency (MHZ)	Diameter (mm)	Testing range (mm)	Allowed Temperature
5M Standard Probe	Universal	5	10	1.0 ~ 250.0	-10 ~ 60°C
2M Coarse Grain Probe		2	12	2.0 ~ 500.0	
7M Small Diameter Probe		Special	7.5	6	0.65 ~ 35.0
H2M High Temperature Probe			3	12	4.0 ~ 80.0

**STANDARD DELIVERY**

Particulars		Particulars		Particulars	
Main Unit TT 100 Pro	1 pc	1.5 V AA Battery	2 pc	Carry Case	1 pc
Probe 5MHz 10 Dia	1 pc	Instruction Manual	1 pc		
Coupling Agent	1 pc	Calibration Certificate	1 pc		