



## MT600 Multi-mode Ultrasonic Thickness Gauge



### Overview

MT600 multi-mode ultrasonic thickness gauge is a upgraded product. We pay more attention to user experience and innovative features such as visual experience, protection grade, automatic alarm and etc..Color TFT display (320x240 TFT LCD) with adjustable backlight, allow the user to work at worksites with low visibility. IP65 degree of protection, can effectively prevent harsh field environments of oil, dust and other corrosion. It also has voice broadcast function, automatic alarm., 0.1mm/0.01mm/0.001mm resolution, bluetooth communication and penetrate the coating mode and normal mode functions and etc.. It can measure the substrate thickness without the need to dispose of coating directly. Its unique non-destructive testing performance provide the perfect solution for the thickness testing of closed Pipes, containers, etc. It is widely used in petroleum, chemical, metallurgy,

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shipbuilding, aviation, aerospace and other fields because of monitoring corrosion thinning degree of various pipes and pressure vessels. It can also be used for precise measurement of sheet metal and machined parts. This professional precision instrument is to improve production efficiency and qualified rate, cost saving.

## Technical Parameters

Technical Specifications	Technical Parameters
Measuring Range	Support two modes for thickness measurement Pulse-Echo mode: (0.65~600)mm Echo-Echo mode: (3.0~100)mm
Accuracy	$\pm 0.04\text{mm}$ ( $\leq 10\text{mm}$ ); $\pm 0.4\%H$ ( $> 10\text{mm}$ );
Measurement Frequency	Single-point measurements per second 7 times, 16 times a second scan mode.
Display	320x240 TFT color LCD screen, adjustable backlight brightness
Resolution	0.1mm/0.01mm/0.001mm switchable
Sound Velocity Range	(1000~9999)m/s (it can measure the sound speed of material with known thickness)
Calibration	Zero calibration, two-point calibration, automatic error correction system
Working Modes	Single-point measurement, the max value measurement, differential measurement
Units	Metric/Imperial unit selectable
Working Languages	Chinese/English selectable
Memory	Memory for up to 100 files (up to 100 values for each file) of stored values
Communication Interface	Support bluetooth and USB2.0 communication, the host program can be updated online.
Power Source	Two "AA" Size, 1.5 volt alkaline batteries, operating time is more than 30 hours (ELbacklight off)
Data Printing	You can use portable bluetooth thermal printer to print measurement reports
Automatic Power Saving	Auto sleep and auto power off function to conserve battery life
Appearance Properties	Material: ABS plastic; size: 150mm x 76mm x 38mm;
Weight	295g