

MUT-252 Ultrasonic Thickness Tester



Package includes:

- Main Unit
- Standard sensor model for multi-standard groove
- Power adapter

Overview:

MUT-252 is a reliable ultrasonic thickness tester that can easily be used for measuring thickness of any good ultrasonic conducting material with the sound velocity range of 1000m/s to 9999m/s. The device can also measure the sound velocity of any unknown material with specified thickness size. The small sized probe of the Marmonix MUT-252 improves access to the any spot.

Features:

- Whole metal case, Shielding interference efficiently.
- Zero calibration: auto returning to zero when you press the key after the probe is put on the specimen.
- Battery information indicates the rest capacity of the battery, Auto sleep and auto power off function to conserve battery life.
- Display: LCD with LED backlight. The brightness and the contrast of the LCD is adjustable. And thickness value, coupling condition, power state, CAL calibration state, sound velocity.
- The unit of measurement, metric, inch optional.
- Able to measure the ultrasonic velocity in turn if the thickness value is known in order to improve the measurement precision.
- A two-point calibration, can improve the accuracy of measurement.
- Nonlinear correction, automatic compensation, in order to improve the measurement accuracy.
- Alarm function: setting the measurement limit and alarming for the results beyond the limit.

Parameter	Values
Model	MUT-252
Measuring range (mm)	0.7~252
Resolution (mm)	0.01
Accuracy (mm)	± (1%H+0.1)
Velocity range (m/s)	1000~9999
Velocity measurement	√
English Menu	√
LED backlight	√
Storage	2000 sets of data
Shell	Metal case
Operating temperature	-10°C~60°C
Dampness	20%~90%
Dimensions	150×55.5×23mm
Power supply	2 AA alkaline batteries
Weight	420g
Standard Delivery	Unit Probe Matrix, Probes, Coupling agent
Optional Accessories	Probes, Coupling agent

