

# MX-3 Material Thickness Gauge

**Professional**

## Description

The MX-3 is a professional ultrasonic thickness gauge providing extreme flexibility & accuracy to field calibrate to a variety of materials instantly for material thickness measurement.

## Features

- Two-Point Calibration option.
- Standard measurement mode for 4 readings per second.
- High speed scan mode for 16 readings per second.
- Readings are viewable on real time basis while scanning.
- Bar graph in LCD display indicates stability of reading.
- Backlit display.
- Probe zero function.

## Specification

<b>Measurement range Specification:</b>	
Measuring Range (Pulse-Echo Mode)	0.63 to 500 mm
Resolution	0.01 mm
Velocity Range	1250 to 10,000 meters/sec
<b>Transducer</b>	
Dual element (transmit and receive). 1 to 10 MHz frequency range.* Locking quick disconnect Lemo connectors. 4 foot cable.	
<b>Certification</b>	
Factory calibration traceable to national standards.	
<b>Display</b>	
4.5 Digit LCD with 0.5dpts numerals & backlight, measure in inches, inches/microsecond, mm, m/s	
<b>Case</b>	Extruded aluminum body / nickel plated Aluminum end caps Resistant to impact and environmentally sealed.
<b>Keypad</b>	
Sealed membrane that is resistant to both water and petroleum products. 6 tactile-feedback keys.	
<b>Power Source</b>	
Two 1.5V alkaline or 1.2V NiCad AA cells. Typically operates for 200 hours on alkaline and 130 hours on NiCad. Display flashes when battery is low. Unit turns off automatically if battery is too low to operate reliably.	
<b>Operating Temperature</b>	-30° to +50°C
<b>Size</b>	63.5 x 114.3 x 31.5mm
<b>Weight</b>	283.5g



## Salient Features

Packed in all metal cases	Bar graph indicates stability of reading	Two point calibration mode
High speed scan mode	Various transducer options	Probe Zero Function

\* Depending on Transducer

\* Custom transducers available for special applications. Refer Transducer Table(TT1)

**Item Code :** ST-MX3

**Product Supply Includes :** MX3Unit, Couplant, Manufactures Calibration Certificate, Batteries & 1/4" 5MHz Transducer (T-102-2000) & Hard Carry Case.