

# Ultrasonic Thickness Gauge

**Basic**

## Description

General purpose digital material thickness gauge capable of measurement of thickness of variety of metallic & non metallic material substrates such as metals, plastics, ceramics, composites, epoxies, glass etc.

## Features

- Two-Point Calibration function.
- Single point mode and Scan mode.
- Coupling status indicator.
- RS232 port Output.
- Battery Indicator.
- Auto Sleep.

## Specification

Measuring Range	0.75mm-300mm (in steel)
Sound Velocity Range	1000~9999 m/s
Resolution	0.1mm
Units	mm/inch (selectable)
Memory	20 files (99 values / file)
Accuracy	± ( 0.5%Thickness+0.04 ) mm
Alarm	preset upper and lower limit
Voltage	2x1.5V batteries
Mode	Single point and scan
Interface port	RS232 Communication Port
Size	150 x 74 x 32mm
Weight	245g
Display	LCD with backlight, 4.5 digits
Continuous working period	100 hours (with backlight off)

Option1: For 0.1mm resolution, please select ST-150  
 Option2: For 0.01mm resolution, please select ST-160

\* Depending on Transducer



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## Transducer Selection

Model	Freq MHZ	Diam mm	Measuring Range	Lower Limit	Description
N02	2	22	3.0mm~300.0mm(in steel)	20	For thick, highly attenuating, or highly scattering materials
N05/90°	5	10	1.2mm~230.0mm(in steel)	20x3.0mm	Normal measurement
N07	7	6	0.75mm~80.0mm(in steel)	15x2.0mm	For thin pipe wall or small curvature pipe wall measurement
HT5	5	14	3~200mm (in steel)	30	For high temperature (lower than 300°C) measurement

Item Code : Option1: ST-150  
 Option2: ST-160

Product Supply Includes: UTG, N05 5MHz Transducer as standard, Couplant, Batteries & Carry Case.