

# Ultrasonic Thickness Gauge

## Multigaugage 5300 / 5350 GRP

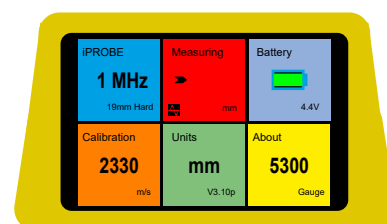
The Multigaugage 5300 is a simple, robust ultrasonic thickness gauge designed to check the condition of Glass Reinforced Plastic (GRP) or Engineering Plastics. It can also be used on uncoated metal. The easy to use keypad allows operator interface, whilst the bright colour LCD display can be used in all light conditions. The moulded soft rubber surround feels comfortable, looks good and provides extra protection against knocks and scrapes.

All probes have Intelligent Probe Recognition (IPR), which automatically adjusts settings in the gauge at the same time as transmitting recognition data - the result is a perfectly matched probe and gauge for enhanced performance.



## Features

- Measures GRP or all types of engineering plastic
- Large colour LCD display giving user information.
- No zeroing required.
- Single crystal hard faced probe.
- Easy calibration with menu driven buttons.
- Intelligent Probe Recognition (IPR).
- Echo strength indicator.
- Datalogging version with wireless data transmission.
- 3 year warranty.
- Free calibration for the life of the gauge.



## Easy Menu System

## Typical Applications

- Leisure Craft
- Yachts
- Potable Water Tanks
- GRP Storage Tanks
- Marine Surveying
- Engineering Plastics
- Non Coated Metal

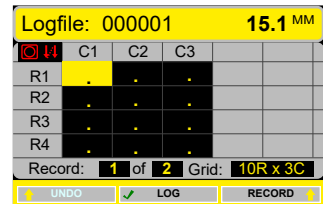
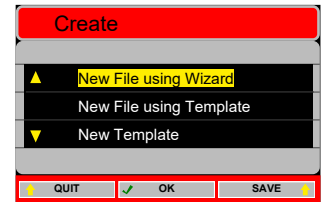
simple . accurate . robust

# Datalogging (Multigauge 5350)

Measurements can be logged using a grid or string format. The gauge will store up to 895 files, each containing 100 records. Each record can store either a string of 250 or grid of 16 x 16 measurements. The simple, easy to use menu guides the user through intuitive setup procedures.

The gauge uses wireless technology to transmit the measurements to the PC where dedicated Communicator software allows the analysis of the results or easy production of templates using wizards. Measurements are stored in a .txt format so that they can be opened in other applications.

Measurements can also be displayed remotely on a PC up to 1000 metres away.



## Specification

Sound Velocity Range	From 1000 m/s to 8000 m/s (0.0394 in/μs to 0.3150 in/μs)
Single Crystal Hard Faced Probe	1 MHz
Probe Measurement Range	2 - 300 mm (0.080" to 11")
Probe Sizes	19 mm (0.75")
Resolution	0.1 mm (0.005")
Accuracy	± 0.1 mm (0.005")
Display	Multi character colour LCD
Batteries	3 x disposable AA alkaline batteries or rechargeable NiMH / NiCD
Battery Life	Up to 50 Hours continuous use using alkaline batteries
Gauge Dimensions	147 mm x 90 mm x 28 mm (5.75" X 3.5" X 1")
Gauge Weight	325 g (11.5 ounces) including batteries
Environmental	Case rated to IP65. RoHS and WEEE compliant
Operating Temperature	-10°C to +50°C (14°F to 122°F)
Storage Temperature	-10°C to +60°C (14°F to 140°F)
<b>Multigauge 5350 Datalogger Only</b>	
Storage capacity	32 Mb
Data Transmission	Wireless RF

The Tritex Multigauge 5300 and Multigauge 5350 gauges have been manufactured to comply with British Standard BS EN 15317:2007, which covers the characterisation and verification of ultrasonic thickness measuring equipment.



### Kit Contents:

Multigauge 5300 or Multigauge 5350 gauge, hard faced probe, probe lead, ultrasonic gel, 15mm test block, batteries, manual, calibration certificate, carry case.

Optional leather case.

**Multigauge 5350 Datalogger Only**  
Transceiver, Communicator software

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**3 YEAR WARRANTY**



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