

# TT-900 Ultrasonic Thickness Gauge For Composite Materials



### FEATURES

- A&B Scan
- Big Digit Color TFT Display 320x240
- Through coat thickness measurements
- Thickness Measurements of Fiberglass and composite Materials (Probe D1025)
- Automatic probe recognition
- Automatic zero calibration
- Automatically locates the detection point
- Automatic and Manual measurement mode selectable
- Automatic Freezing of measurement screen
- Memory of 100 files with 100 readings each
- Direct Data to PC, No software required

### OPTIONAL PROBES:

- 2MHz D2012 (12mm dia)
- 5MHz D5008 (8mm dia)
- 5MHz High Temperature Probe D5113
- 7.5MHz D7006 (6mm dia)
- 10MHz D7004 (4mm dia)
- D1025 for Fiberglass & Composite Materials

### TECHNICAL SPECIFICATIONS

Particulars	
Range	T-E 0.65mm ~ 400mm E-E 3.00mm ~ 25.00mm
Resolution	0.01mm
Accuracy	+/- (0.1% thickness + 0.04mm when thickness = 10~99.9mm) +/- 0.3% thickness mm when thickness > 100mm
Probe mode	Dual Element 5MHz (Standard)

Particulars	
Data output	USB to PC without software
Memory	10,000 readings in 100 files
Power	2 x AA batteries
Operating Temperature	20degree C ~ +50 Degree C
Dimensions	133mm(L)x75mm(W)x29mm(H)
Weight	0.26kg (including batteries)

### STANDARD DELIVERY

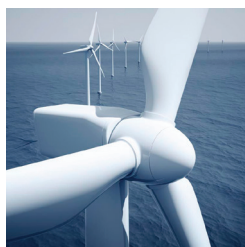
Particulars	
Main Unit	
Dual Element probe (D5301 or D1025)	
Build-in calibration block (Thickness=4mm, Velocity = 5920m/s)	
USB Cable	

Particulars	
Carrying case	
Operating manual	
Calibration Certificate	

### USES: THICKNESS OF COMPOSITE MATERIALS



Fibre glass in the inner part of Yacht



Wind mill blades



Fibre glass in component of front bumper in automobile



Polyurethane Materials