

# Max Power Thickness Gauge DC-5000



## Features

- Max power for very thick composite materials
- A&B Scan and big digits display
- Color TFT display 320×240
- Resolution 0.01 mm, measuring range 20mm-590mm
- 1MHz Single Element probe is available
- Automatic probe recognition and Automatic zero calibration
- Automatic measurement and manual-measurement selectable
- Automatically locates the detection point
- Measurement data is automatic frozen when users remove the probe
- Memory of total 10,000 data in 100 files, transfer data to PC without software available for any windows operating systems
- Multi-languages




## Standard Delivery

- Main Unit
- Single element probe (S1025)
- 75ML Couplant
- Build-in calibration block(Thickness=4mm, Velocity = 5920m/s)
- USB Cable
- Carrying case
- Operating manual
- Calibration Certificate

## Technical Specification

Measurement range	T-E: 20mm ~ 590mm
Resolution	0.01mm (0.001inch)
Accuracy	±(0.1% thickness +0.04)mm (when thickness=10-99.9mm) ±0.3% thickness mm (when thickness > 100mm)
Probe model	S1025, Single Element, 1MHz
Velocity range	1000m/s ~ 9999m/s
Measurement rate	2 /s and 10/s in fast mode
Average mode	2 to 9 times average measurement
Measuring units	mm / inch
Limit setting	With Low-high indication and alarm
Memory	Memory of 10,000 readings in 100 files
Data output	USB
Display	Color TFT display 320×240
Power supply	2 x AA Batteries
Operating temperature	-20°C ~ +50°C
Dimensions	133mm ( L ) ×75mm ( W ) ×29mm ( H )
Weight	0.26kg (including batteries)

## Optional Accessories

Model	Chart	Frequency	Measurement Range	Temperature
S1025		1.0MHz	20-590mm	< 60°C