

# A&B Scan Thickness Gauge

## DC-4000



### Features

- A&B Scan and big digits display
- Color TFT display 320×240
- Resolution 0.01 mm, measuring range T-E 0.65mm-400mm depending on different probes and E-E 3-25mm (Thru-coating)
- 5MHz Dual Element probe D5301 is standard delivery, optional 2MHz probe D2012, 5MHz probe D5008, 5MHz high temperature probe D5113, 7.5MHz probe D7006 and 10MHz probe D7004
- Cooperate with probe D1025 for Fiberglass and composite materials
- Automatic probe recognition and Automatic zero calibration
- Automatic measurement and manual-measurement selectable
- Automatically locates the detection point
- Measurement screen is automatic frozen, which make it easy to analyze the data for the user
- Memory of 100 files X 100 data, transfer data to PC without software, available for any windows operating systems
- Multi-languages

## Technical Specification:

<b>Measurement range</b>	T-E: 0.65mm~400.0mm E-E: 3.00mm~25.00mm
<b>Resolution</b>	0.01mm (0.001inch)
<b>Accuracy</b>	$\pm 0.04$ mm (when thickness gauge $< 9.99$ mm) $\pm (0.1\% \text{ thickness} + 0.04)$ mm when thickness=10-99.9mm $\pm 0.3\%$ thickness mm when thickness $> 100$ mm
<b>Probe mode</b>	D5301, Dual Element, 5MHz
<b>Velocity range</b>	1000m/s~9999m/s
<b>Measurement rate</b>	2 /s and 10/s in fast mode
<b>Average mode</b>	2 to 9 times average measurement
<b>Measuring units</b>	mm / inch
<b>Limit setting</b>	With Low-high indication and alarm
<b>Memory</b>	10,000 readings in 100 files
<b>Data output</b>	USB to PC without software
<b>Display</b>	TFT Color LCD 320×240
<b>Battery</b>	2 x AA Batteries
<b>Operating temperature</b>	-20℃~+50℃
<b>Dimensions</b>	133mm (L) ×75mm (W) ×29mm (H)
<b>Weight</b>	0.26kg (including batteries)

## Standard Delivery

- Main Unit
- Dual element probe (D5301 or D1025)
- 75ML Couplant
- Build-in calibration block (Thickness=4mm, Velocity = 5920m/s)
- USB Cable
- Carrying case
- Operating manual
- Calibration Certificate

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