

## 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<br>E-E: 3.00mm~25.00mm  |
| <b>Resolution</b>            | 0.01mm (0.001inch)  |
| <b>Accuracy</b>              | ±0.04mm (when thickness gauge <9.99mm)<br>±(0.1% thickness +0.04)mm when thickness=10-99.9mm<br>±0.3% thickness mm when thickness>100mm |
| <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°C~+50°C   |
| <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)
- Build-in calibration block (Thickness=4mm, Velocity = 5920m/s)
- USB Cable
- Carrying case
- Operating manual
- Calibration Certificate