

A&B Scan Thickness Gauge DC-4000



B Scan



Big Digit



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

Standard Delivery








- Main Unit
- Single element probe (D5301)
- 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: 0.65mm ~ 400.0mm E-E: 3mm ~ 25mm |
| Resolution | 0.01mm (0.001inch) |
| Accuracy | ±0.04mm (when thickness gauge < 9.99mm) ±(0.1% thickness + 0.04)mm when thickness=10-99.9mm ±0.3% thickness mm when thickness > 100mm |
| Probe model | D5301, Dual Element, 5MHz |
| 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 | 10,000 readings in 100 files |
| Data output | USB |
| Display | Color TFT display 320×240 |
| Power supply | 2PCS AA battery |
| 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 |
|-------|---|-----------|--------------------------------|-------------|
| D5301 |  | 5.0MHz | T-E: 1.44-200mm E-E: 3-25mm | < 60°C |
| D5008 |  | 5.0MHz | 0.8-300mm | < 60°C |
| D5113 |  | 5.0MHz | 2.0-200mm | < 350°C |
| D7006 |  | 7.5MHz | 0.65-50mm | < 60°C |
| D7004 |  | 10.0MHz | 0.65-20mm | < 60°C |
| D2012 |  | 2.0MHz | 2.0-400mm | < 60°C |
| D1025 |  | 1.0MHz | 3.0-200mm | < 60°C |