

DTG Series Ultrasonic Thickness Gauge

- ▶ Color OLED 320x240 Pixels Display
- ▶ Live Simultaneous Color A-Scan and Thickness Display
- ▶ Control of Gain, Blanking, Gate, Range, Delay, RF and Rectify Modes
- ▶ Time-based B-Scan Display
- ▶ Echo-Echo Mode(Thru Paint & Coatings)
- ▶ Stores 100,000 Readings and 1000 waveforms



DTG Series Technical Specifications

Feature	DTG-3B	DTG-4B
Color Display	✓	✓
Live A-Scan		✓
Time-based B-Scan	✓	✓
Control of Gain, Blanking, Gate, Range, Delay, RF and Rectify Modes		✓
Echo-Echo Mode (Thru-paint & Coatings)	✓	✓
Data Logger	✓	✓
DataView Software	✓	✓

Instrument Specifications

Display Type	2.4" color OLED, 320 X 240 pixels, contrast 10,000:1
Operating Principle	Pulse echo with dual element transducers
Measuring Range	0.50mm to 508mm(0.02" to 20.00"), depending on material, probe and surface condition
Measuring Resolution	Selectable 0.01mm, 0.1mm(selectable 0.001", 0.01")
Units	Inch or Millimeter
Rectify Modes	RF+, RF-, HALF+, HALF-, FULL
Display Mode	Normal, Minimum / Maximum capture, DIFF/RR%, A-Scan, B-Scan
V-Path Correction	Automatic
Update Rate	Selectable 4Hz, 8Hz, 16Hz
Material Velocity Range	500 to 9999m/s (0.0197 to 0.3937in/us)
Languages	English
Alarm Settings	Minimum and Maximum alarms. Range of 0.25 mm to 508 mm (0.010" to 20.00"). Dynamic waveform color change on alarm
Power Requirements	2 AA size batteries
Operating Time	Approximately 40 hours
Instrument Shut-off	Selectable ALWAYS ON or AUTO OFF after 5, 10, 20 minutes of inactivity
Operating Temperature	-10°C to +50°C (+10°F to +120°F)
Size	153mm X 76mm X 37mm(H X W X D)
Weight	280g including batteries

Data Logger Option Features

Capacity	100,000 readings, 1000 waveforms, 400 files
File Structure	Grid file
Rows X Columns	21 X 12
Communication Port	USB 2.0 (Full Speed) port
Software	DataView PC software