

# Basic Thickness Gauge DC-2000C Series



## Features

- Large LCD display 128×64 with backlight
- Resolution 0.01 mm, measuring range 0.65mm-400mm depending on different probes
- 5MHz Dual Element probe D5008 is standard delivery, optional 2MHz probe D2012, 5MHz high temperature probe D5113, 7.5MHz probe D7006 and 10MHz probe D7004
- Automatic probe recognition and Automatic zero calibration
- Different testing method build-in:  
Standard and Minimum value measurement (DC-2000C)  
Standard, Minimum value, Difference, Average and Limitation measurement (DC-2020C)
- Memory of total 5,200 data in 26 files, transfer data to PC without software available for any windows operating systems (DC-2020C)
- Measurement screen is automatic frozen when users remove the probe
- Multi-languages








## Standard Delivery

- Main Unit
- Dual element probe (D5008)
- 75ML Couplant
- Build-in calibration block(Thickness=4mm, Velocity = 5920m/s)
- USB Cable (DC-2020C)
- Carrying case
- Operating manual
- Calibration Certificate

## Technical Specification

Specification	DC-2000C	DC-2020C
Measurement range	T-E: 0.65mm ~ 400mm	
Resolution	0.01mm (0.001inch)	
Accuracy	$\pm 0.04\text{mm}$ (when thickness < 9.99mm) $\pm(0.1\% \text{ thickness} + 0.04)\text{mm}$ (when thickness=10-99.9mm) $\pm 0.3\% \text{ thickness mm}$ (when thickness > 100mm)	
Probe model	D5008, 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	-	5,200 readings in 26 files
Data output	-	USB
Display	Large LCD 128×64	
Power supply	2PCS AAA battery	
Operating temperature	-20°C ~ +50°C	
Dimensions	115mm ( L ) ×64mm ( W ) ×27mm ( H )	
Weight	0.22kg (including batteries)	

## Optional Accessories

Model	Chart	Frequency	Measurement Range	Temperature
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