

Ultrasonic Thickness Gauge DC-2000C Series

Technical Specification

Specifications		DC-2000C	DC-2020C
Display	128 x 64 with backlight		
Measuring range	0.65-400 mm (0.025-15.75 inch) (range depends on probe-material combination)		
Velocity rate	1000 - 9999 m/s (3280-32805 ft/s)		
Average mode	2 to 9 times average measurement	-	
Limit setting	With Low-High indication and alarm	-	
Calibration	Auto		
Display Resolution	0.01mm/0.001inch		
Accuracy	± (0.1% Thickness+0.04) mm		
Measuring units	mm/inch		
Memory	Memory of max. 5000 readings with location number	-	
Data output	USB to PC	-	
Surface temperature	-15 to +350 (special probes available)		
Battery indicator	Low battery voltage indicator		
Power supply	AAA dry cell 1.5V (2 pcs)		
Dimensions	115 x 64 x 27 (mm)		
Weight	220g including batteries		

Features

- Pocket size, easy to operate
- Auto Probe Zero Calibration
- Auto Probe identify
- Measuring range: 0.65~400mm
- Suitable for various materials such as steel, stainless steel, aluminum, glass, polystyrene, polyethylene
- Auto/manual gain adjustable
- USB output
- Standard 5.0MHz transducer included, optional transducers: 7.5MHz, 2.0MHz, 5.0MHz high temperature, 10MHz
- 9 material velocities are stored for selection or input the new velocity
- Display resolution 0.01mm /0.001 inches
- Memory of 5000 readings with location number

Standard Delivery

- Main unit
- Standard 5MHz transducer D5008
- Operation manual
- Two AAA batteries
- Built-in calibration block 4mm
- Carrying case
- Couplant 75ml
- Certificates
- Software and cable (DC2020C)



User-Friendly operating interface

Specification for Transducers



Optional Transducers

Model	Frequency	Measuring range	Temperature
D5008	5.0MHz	0.8-300mm	< 60
D5113	5.0MHz	3.0-200mm	<350
D7006	7.5MHz	0.7-50mm	<60
D7004	10.0MHz	0.65-20mm	<60
D2012	2.0MHz	2.0-400.0mm	<60

