

# Ultrasonic Thickness Gauge DLC-400 Standard/Intelligent



## Feature

- ◎Can measure the thickness of the work-piece through coating (echo - echo measurement mode)
- ◎Automatic probe zero calibration when power on
- ◎Automatic probe recognizes, and a variety of probes are available
- ◎Meet various measurement needs via 3 kinds of measuring methods, Transmission-echo, echo-echo, and fast scan mode
- ◎Large capacity of 5000 sets data storage (applied to DLC-400 Intelligent)
- ◎9 commonly used materials' velocity value is prestored. Users can customize and store the value of the velocity.
- ◎USB data interface
- ◎Chinese & English operation interface



## Standard Configuration

- ◎One set of Main Unit
- ◎One set of DL01 Probe
- ◎One bottle of 75mg Couplant
- ◎Two sets of AAA Battery
- ◎One set of Attached Documents
- ◎Software and Cable (DLC-400 Intelligent)
- ◎One set of Instrument Case





Dailyaid

## Technical Specification

Performance	Parameter	Standard	Intelligent	
Measuring Range	Normal Mode: 1.2-300mm (different probes determine different measuring ranges) Through the Coating: 3-25mm	√	√	
Indication Accuracy	0.01mm	√	√	
Zero Calibration	Automatic probe zero calibration when power on	√	√	
Probe recognition	Automatic probe recognition	√	√	
Display Information	Measured value, velocity value, probe model, meas. mode, measurement symbol, battery power	√	√	
Indication Unit	Metric / Imperial	√	√	
Velocity Range	9 commonly used materials' velocity value is prestored, and can be set between 1000m/s and 9999m/s.	√	√	
Velocity Meas.	Measure the sound velocity of the thickness-known materials	√	√	
Measuring Mode	Transmission-Echo Mode	Standard Meas.: Meet common testing requirements	√	√
		Min Meas.: Meet the needs of curved surface measurement or the measurement to select the minimum value.	√	√
		Differential Meas.: Display the difference between the actual measured value and the set standard value.		√
		Average Meas.: Provide the average measured value between 2-9 points.		√
		Meas. of upper and lower limits: Limit Alarm.		√
	Echo-Echo Mode	Measuring the thickness of the substrate through the coating	√	√
Fast Scan Mode	Suitable for high temperature or there's need to improve measurement speed, 10 measurements per second, and can display the maximum and minimum value in measurement simultaneously.	√	√	
Data Storage	Can store 5000 sets measured data.		√	
Output Interface	USB		√	
Shutdown Choice	Can choose 2 or 5 minutes to shut down automatically or no automatic shutdown.	√	√	
Dimension	115x64x27mm	√	√	
Weight	220(g)	√	√	
Operation Temp.	-20°C -50°C	√	√	
Battery	Two AAA alkaline batteries	√	√	
Operation Hours	50 hours (without backlight)	√	√	
Monitor	128x64 with LED backlight	√	√	