

Ultrasonic Thickness Gauge DLC-300 Standard/ Intelligent



Features

- ⊙ Automatic probe zero calibration when power on
- ⊙ Automatic probe recognizes, and a variety of probes are available
- ⊙ 9 material velocities are prestored for easy selection
- ⊙ Large-screen high-definition backlit LCD display with English menu
- ⊙ Measuring range expanded to 0.65mm-400mm (different probes determine different measuring ranges)
- ⊙ Manual/ Automatic gain adjustment
- ⊙ Can measure small calibration of $\Phi 15$ inner diameter and 1mm wall thickness



DLC-300 Standard



DLC-300 Package

Standard Configuration

Model	DLC-300 Standard	DLC-300 Intelligent
Main Unit	√	√
Probe	DL08	DL08
75mg Couplant(Bottle)	√	√
Battery (Two AAA Batteries)	√	√
Software and Cable		√
Attached Documents	√	√
Instrument Case	√	√

Technical Specification

Specification	DLC-300 Standard	DLC-300 Intelligent
Dot Matrix LCD & Backlight	128x64	128x64
Accuracy	0.8mm~9.99mm±0.04mm, 10.00mm~99.99±(0.1%+0.04) mm, 100.0mm~400.0mm≤0.3%Hmm. Ps, H stands for the thickness values measured.	
Automatic Zero Calibration	√	√
Manual Recalibration	√	√
Measuring Range(mm)	0.65-400	0.65-400
Data Storage		5000 sets
USB Interface to Upload		√
English Menu	√	√
Indication Accuracy	0.01	0.01
Velocity Adjustment	√	√
Velocity Measurement	√	√
Metric Conversions	√	√
Data Reading		√
Customized Velocity	√	√
Low Voltage Display	√	√
Automatic Shut-down	√	√
Average Measurement		√
Measurement Restrictions		√
Min Measurement	√	√
Differential Measurement		√
Scanning Mode		√
Dimensions(mm)	115x64x27	115x64x27
Weight(g)	220	220

Optional Probe

Probe Model	Frequency	Measuring Range	Operating Temperature	Minimum Diameter Size
DL08	5MHz	0.8-300mm	<60°C	Φ25x1.2mm
DL06	7.5MHz	0.65-50mm	<60°C	Φ15x1.2mm
DL04	10MHz	0.65-20mm	<60°C	Φ15x1.0mm
DL12	2.0MHz	2.0-400mm	<60°C	Φ40x3.0mm
DL13	5MHz	2.0-100mm	<350°C	Φ25x2.0mm
DL01	5MHz	1.2-300mm	<60°C	Φ25x3.0mm