

UD612

LCR Meter

UDM-T

UD612 LCR meter is used to measure inductance, capacitance and resistance. Advanced features include series/parallel measurement modes, quality factor/loss/phase angle measurements, equivalent/DC resistance measurements and 5 selectable frequencies in AC mode. UD612 can be used in product on lines, component inspection and electronic maintenance.

Features

- Auto power off
- Data hold
- Relative mode
- USB interface
- LCD backlight
- Deviation ratio measurement
- Comparison function
- Calibration function
- Output impedance: 120Ω
- Auto LCR check and measurement
- Low battery indication: ≤6.8V



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Specifications	Range	Accuracy
Certificates	CE, UKCA	
Inductance (H)	20uH~2000H	±(0.5%+5)
Capacitance (F)	200pF~20mF	±(0.5%+5)
Resistance (Ω)	20Ω~200MΩ	±(0.3%+5)
Test frequency (Hz)	100Hz/120Hz/1kHz/10kHz/100kHz	
Operating voltage	0.6Vrms	
Test parameters	L/C/R/DCR/Q/D/θ/ESR	
Display count	20000	
D/Q display count	2000	
D/Q resolution	0.001	
Auto range	√	
Test frequency real-time display	√	
Measurement mode	Series/Parallel	
PC data records	60000	
Analog bar graph	26	

Characteristics

Standard accessories	Battery, SMD test clamp, USB interface cable, multi-purpose socket, English manual
Optional accessories	USB power adaptor
Power	9V battery (6F22) or USB
Display	40 x 63mm
Product size	96 x 193 x 47mm
Product net weight	374g
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	370 x 305 x 475mm
Standard carton gross weight	13.2kg