



UT612 LCR Meter

UT610 series LCR meters are more advanced meters 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 kinds of measurement frequency in AC mode for selection.

Applications:

UT610 series can be easily operated in production lines, component inspection and electronic maintenance.

Specifications	Range	UT612
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	√
Features		
Display count		20000
D/Q display count		2000
D/Q resolution	0.001	√
Auto range		√
Test frequency real-time display		√
Measurement mode	Series/Parallel	√
Auto power off		√
Low battery indication	≤6.8V	√
Data hold		√
Relative mode		√
USB interface		√
USB interface/PC data records		60000
LCD backlight		√
Analog bar graph		26
Deviation ratio measurement		√
Comparison function		√
Calibration function		√
Output impedance	120Ω	√
Auto LCR check and		√

measurement		
General Characteristics		
Power	9V battery (6F22) or USB	
Display	40mm x 63mm	
Product color	Red and grey	
Product net weight	374g	
Product size	96mm x 193mm x 47mm	
Standard accessories	Battery, SMD test clamp, USB interface cable, multi-purpose socket, PC software CD	
Standard individual packing	Gift box, English manual	
Standard quantity per carton	10pcs	
Standard carton measurement	370mm x 305mm x 475mm (0.097 CBM per standard carton)	
Standard carton gross weight	13.2kg	
Optional accessory	USB power adaptor	