

### SPECIFICATIONS

	Range	UT611	UT612
Inductance (H)	600uH~200H	±(0.4%+2)	
	20uH~2000H		±(0.5%+5)
Capacitance (F)	600pF~10mF	±(0.4%+2)	
	200pF~20mF		±(0.5%+5)
Resistance (Ω)	60Ω~20MΩ	±(0.4%+2)	
	20Ω~200MΩ		±(0.3%+5)
Test frequency (Hz)	100Hz/120Hz/1kHz/10kHz	√	
	100Hz/120Hz/1kHz/10kHz/100kHz		√
Operating voltage	0.5Vrms	√	
	0.6Vrms		√
Test parameters	L/C/R/DCR/Q/D/θ/ESR	√	√

#### Features

Display count		6000	20000
D/Q display count		1000	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
Data storage		1000	
LCD backlight		√	√
Analog bar graph		30	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 (UT612), multi-purpose socket (UT612), PC software CD (UT612)
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



● UT612

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