

Model	UT622A		UT622C	UT622E
Test frequency	100Hz, 120Hz, 1kHz, 10kHz		100Hz, 120Hz, 1kHz, 10kHz, 100kHz	100Hz, 120Hz, 1kHz, 10kHz, 100kHz
Test signal level	0.1Vrms, 0.3Vrms, 1Vrms			
Output impedance	100Ω			
Measurement parameters	Primary: L/C/R/Z Secondary: D/Q/θ/ESR			Primary: L/C/R/Z/DCR Secondary: D/Q/θ/ESR
Auto LCR	√			
Test terminals	Three-terminal test jacks, five-terminal test sockets			
Test rate	Fast (20 times/s), medium (5 times/s), or slow (2 times/s)			
DCR test rate	--	--	Fast (20 times/s), medium (5 times/s), or slow (2 times/s)	
Ranging mode	Auto/hold			
Tolerance range	1%~20%			
Testing circuit mode	Series/parallel mode			
Clearing correction	Open/short circuit			
Fuse of test ports	0.1A/250V			
Communication interface	Mini-USB			
LED alarm for tolerance (pass: green; fail: red)	√	√	√	
Display range				
Maximum reading of primary parameters	99999			
Minimum resolution	0.0001			
Maximum accuracy	0.1%			
L	0.00μH~99.999H			
C	0.00pF~99.999mF			
Z/R	0.0000Ω~9.9999MΩ			
ESR	0.0000Ω~999.99Ω			
D	0.0000~9.9999			
Q	0.0000~99999			
θ	-179.9°~179.9°			
DCR	----			0.01mΩ~20.000MΩ
Temperature coefficient	0.1× (specified accuracy) /°C (0°C~18°C or 28°C~40°C)			
General specifications				
Battery	3.7V 1800mAh lithium polymer battery			
Battery life	8 hours			
AC power adapter	Input: 220V (1±10%), 50Hz (1±5%); Mini-USB output: 5V, 1A			
LCD	2.8 inches TFT LCD 320X240			
Product size (W×H×D)	93mm×192mm×44mm			
Weight	420g			