



SPECIFICATIONS		
	AT810 Digital LCR Meter <u>Rev 5</u>	AT811 Digital LCR Meter <u>Rev 2</u> <i>Promotion</i>
Parameters	L, C, R, Z , D, Q, θ (deg), θ (rad)	L, C, R, Z , D, Q
Accuracy	0.1%	0.25%
Frequency	100Hz, 120Hz, 1kHz, 10kHz	
Display Range	L: 0.01 μ H-9999H 9999 μ F R,Z: 0.0001 Ω -99.99M Ω 9999% θ (deg): -179.99 $^{\circ}$ -179.99 $^{\circ}$ θ (rad) :-3.1416 – 3.1416	C: 0.01pF - L: 0.01 μ H-9999H C:0.01pF - 9999 μ F R,Z: 0.0001 Ω -99.99M Ω Q:0.0001 – 999.9 Δ %: -9999% - 9999% D, 0.0001–9.999 Q: 0.0001–999.9
Display Max	principle parameter: 99999; sub parameter: 99999	
Source Resistance	30 Ω , 100 Ω	
Range	Automatic and manual with 6 ranges	
Signal Level	0.1V rms, 0.3V rms, 1V rms	0.3V rms, 1V rms
Speed	15 times/second, 5 times/second, 3 times/second	5 times/second, 11 times/second
Equivalent Circuit	In series and parallel	
Result Display	3 parameters are displayed together: show, Δ ABS, Δ %, D, Q, Z and sorting results	show, Δ ABS, Δ %
Adjustment	Open & short sweep frequency and point frequency	Open and short sweep frequency correction
Comparator	20 groups files record, 5-bin sorting, beep indication	5-bin sorting, beep indication
Impact Protection	1000V/10 F, 600V/80 F or 400V/150 F capacitance under electricity impact protection	
Interface	RS232C (SCPI) Handler interface	Optional RS232C (SCPI programmable language)
Others	VFD Display, keypad lock and data hold function	LCD Display, button light indication and soft key control
GENERAL FEATURES		
Power Supply	Voltage: 198V AC - 250V AC Frequency: 50Hz Power: Max 15VA	Voltage: 85V AC - 260V AC Frequency: 50Hz Power: Max 10VA
Size	264mm(Width)x107mm(Height)x350mm(Depth) 4kg	216mm(Width)x88mm(Height)x300mm(Depth) 3kg
ORDERING INFORMATION		
Accessories	ATL501: Kelvin Test clip ATL601: Test fixture ATL600: Short-circuit slice ATL108: RS232 Communication cable	ATL501: Kelvin Test clip; power cord