

# anbai

## Digital LCR Meter

AT810/AT810D

### Characters:

- Frequency: 100Hz~10kHz
- Signal Level: 0.01V, 0.3V, 2.00V
- Accuracy: 0.1%
- Test Parameters: L-Q,C-D,R-Q,Z-Q
- Monitor parameters: D,Q
- VFD display screen



AT810/AT810D

AT810 is an intelligent LCR Meter with high -performance processor and color VFD .

100Hz、120Hz、1kHz & 10kHz test frequency with 0.1V、0.3V & 1V signal level, can fully meet the general production requirements.

SPECIFICATIONS		
	AT810 Digital LCR Meter	AT810D Digital LCR Meter
Parameters	L,C,R, Z ,D,Q,θ(deg),θ(rad)	L,C,R,Z,D,Q,θ(deg),θ(rad)
Accuracy	0.1%	0.2%
Frequency	100Hz, 120Hz, 1kHz, 10kHz	
Range	L: 0.01μH-9999H      C: 0.01pF - 9999μF R,Z: 0.0001Ω-99.99MΩ    Δ%: -9999% - 9999% θ(deg): -179.99° -179.99°    D: 0.0001-9.999 θ(rad): -3.1416 - 3.1416    Q: 0.0001-999.9	L: 0.01μH-9999H      C: 0.01pF-9999μF R,Z:0.0001Ω-99.99MΩ    Δ%: -9999% - 9999% D: 0.0001 - 9.9999 Q:0.0001 - 9999
Max display	Principle parameter: 99999    sub parameter: 99999	
Source Resistance	30Ω & 100Ω	
Range	Auto & Manual , 6 ranges	
Signal level	0.1Vrms, 0.3Vrms & 1Vrms	
Test speed	15t/s, 5t/s, 3t/s	2t/s, 5t/s
Equivalent Circuit	in series and parallel	
Result display	show、ΔABS、Δ%、D、Q、 Z  & sorting results	show、ΔABS、Δ%
Adjustment	open/short sweep frequency or point frequency	
Comparator	20 groups files record, 5-bin sorting, beep function	5-bin sorting P1,P2,P3,AUX,NG
Impact protection	1000V/10μF、600V/80μF or 400V/150μF capacitance under electricity impact protection	
Interface	RS-232C (SCPI) Handler	option RS-232C (SCPI)
Others	VFD display, key lock and data hold function	
Power	voltage: 198VAC ~ 250VAC Frequency: 50Hz Max power: 15VA	
Sizes & Weight	264 (w)x107(H)x350 (D)    4kg	
Accessories	ATL501:Kelvin test clip    ATL601Test fixture ATL600: short-circle slice    ATL108: Communication cable	ATL501:Kelvin Test clip ATL601: Test fixture    ATL600: short-circle slice
Options	ATL608 SMD patch test fixture ATL508 SMD patch test clip	