

anbai

Digital LCR Meter

AT2817A/AT3817A

Characters

- Frequency: 10Hz~100kHz
- Signal level: 0.01V~2.00V
(10mV step)
- Accuracy: 0.05%
- Chinese/English operation
- Reinforced Handler interface



AT2817A/AT3817A

Upgraded AT3817 series adopt color LCD display , English operation with large font.

AT3817A with 10Hz ~ 100kHz frequency , signal level 0.01Vrms ~ 2.00Vrms (10mV step), compare to AT28 series increased DCR measurement and internal DC bias . (DC BIAS, ±2.5V)

SPECIFICATIONS		AT2817A will stop production	AT3817A
Parameters	Cs-Rs,Cs-D,Cp-Rp,Cp-D,Lp-Rp,Lp-Q,LS-Rs,LS-Q,G-B,R-X,Z-θrad,Z-θdeg,DCR (AT3817A)		
Monitor parameters	Z, D, Q, θr, θd, R, X, G, B, Y, Vac, Iac, Δ, Δ%		
Accuracy	0.05% ± 5 dgt		
Frequency	50/60/100/120/200/400/500/1k/2k/,4k/5k/10k/,20k/,40k/100kHz (16 points)	10Hz ~ 100kHz (continuous, resolution 0.001Hz)	
Source Resistance	30Ω, 50Ω & 100Ω		
Range	Automatic Manual & Nominal, 9 ranges		
Max display	Principle parameter: 999999 sub parameter: 999999		
Signal level	0.01V ~ 2.00V (10mV step)		
Test speed	30t /s 10t/s 6t/s 3t /s	40t /s, 10t/s, 3t/s 1-256 times average	
DC Bias	/	-2.50V~+2.50V	
Comparator	14 -bin sorting, 10-bin GD, 1- bin NG, 1 -bin AUX, 2-bin principle parameter NG		
Adjustment	open/short circle sweep frequency correction, 3 points frequency and load correction		
File	10 group files to save user's setting, 1 group to save system data real-time		
Interface	RS232C, ExHandle, USB disc		
Others	LCR auto selection, color TFT-LCD display Option RS-485, build in SCPI & Modbus (AT3817A) 999 sets of LCD storage, Trigger delay, ALC (AT3817 onnly)		
Power	Voltage: 90VAC ~ 250VAC Frequency: 50Hz~60Hz Max power: 20VA		
Sizes/ Weight	264 (W)x107(H)x350 (D) , 4kg		
Accessories	ATL501A:Kelvin Test Clip ATL601: Test Fixture ATL600 short -circuit slice ATL108 :RS232 Communication cable		