

anbai

Digital LCR Meter

AT3818

Characters

- Frequency: 10Hz~300kHz
- Signal Level: 0.01V~2.00Vrms
- Accuracy: 0.05%
- DC BIAS: $\pm 2.5V$
- Chinese/English operation
- DCR Measurement



AT3818 The latest upgraded high speed·High precision

AT3818 with TFT -LCD color display,English operation and large font.

Used for laboratory quality control and component parts sorting.The continuous frequency of AT3818 from 10Hz~300kHz,the Resolution is 0.001Hz.

Test signal level 0.01Vrms ~ 2.00Vrms (10mV step) , AT38 series increased DCR measurement and internal DC bias. (DC BIAS, $\pm 2.5V$).

4 parameters can be tested simultaneously. Each parameter can be set arbitrarily. Both main and sub parameters can be displayed in 6 dgt after improvement. It can scan 10 kinds of frequency or levels. also can correct 3 groups of user's Frequency to improve accuracy.

Built-in comparator, HANDLER interface combined with PLC to complete automatic sorting of components and built-in SCPI and Modbus protocols.

SPECIFICATIONS

AT3818 ^{NEW}	
Parameters	Cs-Rs,Cs-D,Cp-Rp,Cp-D,Lp-Rp,Lp-Q,LS-Rs, Ls-Q,R-X,Z- θ rad,Z- θ deg DCR
Monitor Parameters	Z, D, Q, θ r, θ d, R, X, G, B, Y, Vac, Iac, Δ , Δ %
Accuracy	slow / medium speed: 0.05% ± 5 dgt fast speed: 0.1%
Test Frequency	10Hz ~ 300kHz (continuous, resolution 0.001Hz)
Display	L: 0.00001 μ H-9999.99H C: 0.00001 pF - 9999.99 μ F R,X,Z: 0.00001 Ω - 99.9999M Ω D, 0.00001 - 9.99999 Q: 0.00001 - 99999.9 Δ %, -999999% - 999999% θ (deg): -179.999° -179.999° θ (rad):-3.14159 - 3.14159 DCR: 0.00001Ω ~ 99.9999MΩ
Source Resistance	30 Ω , 50 Ω & 100 Ω
Range	Auto、Manual & Nominal, 9 ranges
Max display	6 digital, principle parameter: 999999 sub parameter: 999999 monitor parameter: 999999
signal level	0.01V ~ 2.00V (10mV step) , ALC function
DC Bias	-2.5V~+2.5V
Test speed	40t/s, 10t/s, 3t/s (with average function)
Comparator	14-bin sorting, 10 bin GD, 1 bin NG, 1 bin AUX, 2 bin principle parameter NG Count function: Max 999999
List test	10 groups frequency and level scanning measurement
Adjustment	open & short circuit sweep frequency correction,3 point frequency correction and load calibration.
Files	10 groups files to save user's setting 1 group to save system data real-time
Interface	RS232C, ExHandler standard USB disc interface (save article 10000 data)
power	Voltage: 90VAC ~ 250VAC Frequency: 50Hz~60Hz Max power: 20VA
Sizes / Weight	264 (W)x107(H)x350 (D) 4KG