

Digital LCR Meter

AT2818

Characters

- Frequency: 10Hz~300kHz
- Signal Level: 0.01V~2.00Vrms
- Accuracy: 0.05%
- Chinese/English operation



AT2818 High Speed·High precision

AT2818 with color TFT-LCD display, english operation and large font.

Used for laboratory quality control and component parts sorting.

Can test the parameters simulataneously, each parameters can be set arbitrarily.

Build -in comparator,HANDLER interface combined with PLC to complete auto sorting of components and build-in SCPI & Modbus protocols.

SPECIFICATIONS

AT2818	
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
Monitor Parameters	Z, D, Q, θr, θd, 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: 0.00001μH-9999.99H C: 0.00001pF - 9999.99μF R,X,Z: 0.00001Ω - 99.9999MΩ 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
Source Resistance	30Ω, 50Ω &100Ω
Range	Auto、Manual & Nominal, 9 ranges
Max display	6 digital, Principle parameter: 999999 Sub parameter: 999999 Monior parameter: 999999
signal level	0.01V ~ 2.00V (10mV step)
DC Bias	/
Test speed	30t/s, 10t/s, 5t/s, 3t/s
comparator	14-bin sorting, 10 bin GD, 1 bin NG, 1bin 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 points 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 interface standard USB dis interface (save article 10000 data)
Power	Voltage: 90VAC ~ 250VAC Frequency: 50Hz~60Hz Max power: 20VA
Sizes /Weight	264 (W)x107(H)x350 (D) 4kg
Accessories	ATL501A:Test cable ATL601: Test Fixture A TL600: short-circuit slice ATL108:RS232 communication cable ATL508A SMD patch Test Fixture