



AT2818 adopts true-color TFT-LCD and English operation interface (Chinese also available). **AT2818 (has been upgraded into continuous frequency with the resolution of 0.001Hz. Four parameters can be measured simultaneously by AT2818. Any parameters can be set arbitrarily. Both main & sub parameters can be displayed in 6 dgt after the improvement. AT2818 can not only scan 10 kinds of frequency or voltage level, but also correct three groups of user frequency so as to improve the accuracy. The upgrade version adopts big font.**

SPECIFICATIONS

AT2818 Precision Digital LCR Meter	
Parameters	Cs-Rs,Cs-D,Cp-Rp,Cp-D,Lp-Rp,Lp-Q,Ls-Rs,Ls-Q,Rs-Q,R-X,Z-θrad,Z-θdeg
Monitor Parameters	Z, D, Q, θr, θd, R, X, G, B, Y, Vac, Iac, Δ, Δ%
Accuracy	0.05% ± 5 dgt
Frequency	10Hz - 300kHz (continuous frequency, frequency resolution 0.001Hz)
Display Range	L: 0.00001μH-999999H C: 0.00001pF - 999999μF R,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	Automatic, Manual, and nominal, 9 ranges
Display Max	6 digital, principle parameter: 999999; sub parameter:999999; monitor parameter: 999999
Signal Level	0.01V - 2.00V (10mV Step)
Speed	30t/s, 10t/s, 6 t/s, 3 t/s 1-256 times average is available
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 group frequency and level scanning measurement
Adjustment	Open & Short circuit sweep frequency correction, 3 point frequency correction and load calibration.
Files	10 group files to save user's setting, 1 group to save system data real-time
Interface	RS232C, ExHandler interface, standard configuration USB Disc interface (article 10000 data)
Others	LCR Automatic selection, keypad lock, SCPI instruction set, true-color TFT-LCD Display
GENERAL FEATURES	
Power Supply	Voltage: 90V AC - 250V AC Frequency: 50Hz - 60Hz Max Power: 20VA
Size	264mm (width)x107mm(height)x350mm(depth) 4kg
ORDERING INFORMATION	
Accessories	ATL501: Kelvin Test clip ATL601: Test fixture ATL600: Short-circuit slice ATL108:RS232 Communication cable
Options	ATL608 SMD patch test fixture ATL508: SMD patch test clip ATS2818: Data acquisition software ATL508A patch test clip