



AT2817A improved Handler interface which can meet more requirements of different sorting machine. The update version adopts big font display.



Economic 100K digital LCR meter, the newest design, easy to operate.

## SPECIFICATIONS

	AT2817A Digital LCR Meter	AT817D Digital LCR Meter
<b>Parameters</b>	Cs-Rs,Cs-D,Cp-Rp,Cp-D,Lp-Rp,Lp-Q,LS-Rs,LS-Q,G-B,R-X,Z-θrad,Z-θdeg	L-Q, C-D, R-Q, Z-Q,
<b>Monitor Parameters</b>	Z, D, Q, θr, θd, R, X, G, B, Y, Vac, Iac, Δ, Δ%	
<b>Accuracy</b>	0.05% ±5 dgt	0.1%
<b>Frequency</b>	50Hz-100kHz ( 16 points )	50Hz-100kHz (10 points)
<b>Display Range</b>	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	L: 0.0001μH - 99999H C: 0.0001pF - 99999μF R,Z: 0.0001Ω - 99.999MΩ Q: 0.00001 - 99999 Δ%: -99999% - 99999% D: 0.0001 ~ 9.9999
<b>Source Resistance</b>	30Ω, 50Ω, 100Ω	
<b>Range</b>	9 ranges Automatic, Manual, Nominal	
<b>Display Max</b>	principle parameter: 999999; sub parameter: 999999	principle parameter: 99999; sub parameter: 99999
<b>Signal Level</b>	0.01V - 2.00V (10mV Step)	0.1V, 0.3V, 1.0V
<b>Speed</b>	30 t/s, 10 t/s, 6 t/s, 3 t/s 1~256 times average	3 t/s
<b>Comparator</b>	14-bin sorting, 10-bin GD, 1-bin NG, 1-bin AUX, 2-bin principle parameter NG	1 group to save, 5-bin sorting
<b>Adjustment</b>	Open/Short sweep frequency correction, 3 point frequency and load correction	
<b>Files</b>	10 group files to save users' setting, 1 group system data save real-time	1 group to save system data real-time
<b>Interface</b>	RS232C, ExHandler Interface, with standard USB disc interface (article 10000 data)	None
<b>Others</b>	LCR automatic selection, true-color TFT-LCD display	VFD display

## GENERAL FEATURES

<b>Power Supply</b>	Voltage: 90V AC - 250V AC Frequency: 50Hz - 60Hz Power: Max 20VA	Voltage: 198V AC - 250V AC Frequency: 50Hz Power: Max 15VA
<b>Size</b>	264mm(Width)x107mm(Height)x350mm (Depth); 4kg	

## ORDERING INFORMATION

<b>Accessories</b>	ATL501: Kelvin Test clip ATL601: Test fixture ATL600: Short-circuit slice ATL108: RS232 Communication cable
<b>Options</b>	ATL608 SMD patch test fixture ATL508: SMD patch test clip ATS2817: Data acquisition software ATL508A: SMD patch test clip