

Precision LCR Meter

AT-1000



Product Features

- 7” LCD Display
- System provides 20 Hz — 1M Hz (10mHz Step)
- Output impedance 30 Ω, 100 Ω ,10 /100, 10 /CC
- Basic Accuracy 0.05%
- Test Volt. Normal: 5mV~2V
- Auto level Control (ALC)
- Frequency response graph mode
- Software upgrade by USB HOST

Test Item

| Z|, |Y|, C, L, X, B, R, G, D, Q, θ,DCR

RANGE	
Z , R, X	0.01mΩ — 99.9999 MΩ
DCR	0.01 mΩ — 99.9999 MΩ
Y , G, B	0.00001μS — 99.9999S
C	0.00001pF — 9.9999F
L	0.00001μH — 9999.99H
D	0.00001 — 9.9999
Q	0.00001 — 9999.9
θ (DEG)	-179.999 °— 179.999 °

Specifications

Temp. Humidity		0 ℃ — 40 ℃, ≤90%RH
Power	Volt	110V ±10% Or 220 ±10%

	Freq	47.5Hz—63Hz
Power consumption		≤ 80VA
Size (W×H×D)		398mm×129mm×370mm
Weight		About 9Kg

Comprehensive	
Test Freq.	20Hz~1MHz, (10mHz Step)
Basic Accuracy	0.05%
Equivalent Circuit	Series, Parallel
Comparator	Upper and Lower test limits in units and percentage
Trigger mode	Auto, Continued, Manual
Touch mode	Internal, Manual, External
Test speed (≥1kHz)	Fast: 75t/sec, Medium: 12t/sec, Slow: 3t/sec
Average number	1—255
Delay Time	0—60s, 1ms step
Calibration	open/ short / load
Test configuration	Five end
Display mode	Δ, Δ%, V/I (Voltage / current monitoring)
LCD	7' LCD
Test signal	
Freq.	20 Hz—1MHz
Output impedance	30 Ω, 100 Ω, 50Ω, 10 /CC
Test Volt.	5mV~2V Accuracy: 10%
Memory	100(Internal) , 500 (External)
Interface	RS232C、HANDLER、USB HOST, (OPTION GPIB)

Purchase information

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Accessories

AT26001A Four wire Kelvin cable
AT26004-1 Four wire Kelvin cable
AT26010A Gold plated circuit / Short board
AT26009B SMD Test clamp
AT26008A SMD Test Box
AT10201 Software