HCTEST TECHNOLOGY CO.,LTD.

Precision LCR Meter

AT-150



Product Features

- 7” LCD Display
- System provides 20 Hz－500 kHz (10mHz Step)
- Output impedance 30 Ω, 100 Ω ,10 /100, 10 /CC
- Basic Accuracy 0.05%
- Test Volt. Normal：5mV~2V
- 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 º— 179.999 º

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~500kHz, (10mHz Step)
Basic Accuracy	0.05%
Equivalent Circuit	Series, Parallel
Comparator	Upper and Lower test limits in units and percentage
Test 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－500 kHz
Output impedance	30 Ω, 100 Ω,10 /100, 10 /CC
Test Volt.	5mV~2V Accuracy：10%
Memory	100(Internal)， 500 (External)
Interface	RS232C、HANDLER、USB HOST， (OPTION GPIB)

Purchase information

AT-150 Precision LCR Meter

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