

BK PRECISION LCR Meters


BP352110



BP352100

These LCR meters measure capacitance, resistance (of non-inductive components) and inductance. Components can be measured with selectable test frequencies in series or parallel modes, as desired. The 4-1/2 digit main LCD displays values to 19,999 and the secondary 3 digit 1,000 count display reads D or Q. Both models can be used in either auto ranging or manual ranging modes.

FEATURES

- Selectable test frequencies (see table)
- Simultaneously displays measured component value | and Q or Dissipation Factor (D)
- Display hold
- Relative mode
- Tolerance mode
- RS232 interface (cable and software required)

SPECIFICATIONS

Model	BP352110	BP352100
Parameters Measured	L/C/R/D/Q/q	L/C/R/D/Q
Measuring Circuit Mode	Inductance(L) Defaults to series mode Capacitance / Resistance (C/R) Defaults to parallel mode	

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Displays	L/C/R: Maximum display 19999 D/Q: Maximum display 999 (Auto Range)	
Ranging Mode	Auto & Manual	
Measuring Terminals	3 terminals with sockets	
Test Frequency Accuracy: \pm 0.1%	100 Hz= 100Hz 120Hz = 120Hz 1KHz = 1010 KHz 10KHz = 9.6 KHz	120Hz=120Hz 1KHz = 1010Hz
Backlit Display	Included	N/A
Tolerance Mode	1%, 5%, 10%, 20%	1%, 5%, 10%
Test Signal Level	0.6 Vrms approx.	
Measuring Rate	1 time/second, nominal	
Response Time	Approx 1 second DUT (Device under test) (@ manual range)	
Auto Power Off	5 minutes approx. without operation	
Temperature coefficient	0.15 x (specified accuracy) / ° (0-18 or 28-40°)	
Operating Temperature	0 to 40&3176; 0-70% RH	
Power Consumption	Approx 40mA for operation / 0.08mA after auto power-off	
Power Requirements	1) DC 9V battery ,br> 2) Ext DC Adapter: DC 12Vmin – 15V max (Load 50mA min)	
Protective Fuse	0.1A / 250V fuse (input protective)	
Note	Standard accessories include a pair of test alligator clips and 9V battery	

CAT NO.	MODEL	DESCRIPTION	
BP352110	879	Deluxe Dual Display Autoranging LCR Meter	
BP352100	878	COMPONENT TESTER WITH TEST LEADS (PAIR), AC ADAPTER AND INSTRUCTION MANUAL	
BP87X	87X	OPTIONAL Software and RS232 Cable for BP352110 or BP352100 FOR LCR Meters	
BP352114	LC-29B	OPTIONAL Carrying Case FOR LCR Meters	