

Passive Component LCR Meter

Measures Inductance, Capacitance and Resistance with secondary parameter (Q,D,R)

Features:

- Measures Capacitance and Inductance to 0.7% and Resistance to 0.5%
- Simultaneous 20,000/10,000 count display of the primary parameter (L, C or R) with the secondary parameter of Q (quality), D (dissipation) or R (resistance)
- Test frequencies of 120Hz and 1kHz
- Set Hi/Lo limits using absolute values or percentage limits
- Selectable Parallel or Series equivalent circuit
- 4-1/2 digit backlit LCD display provides resolution to 0.1pF, 0.1μH and 0.001Ω
- Max/Min/Avg recording
- Built-in test fixture or use external test leads
- Open and Short Zero removes unwanted stray impedances from the measurement
- Relative mode with zero reference or user supplied reference
- Built-in RS-232 interface with optional Windows[®] 95/98/NT/2000/XP compatible software to display, analyze and store data for later analysis
- Auto power off
- Automatic blown fuse indication
- Powered by 9V battery or optional AC adaptor
- Complete with alligator clip test leads, 9V battery, and protective holster

Specifications	Ranges	Basic Accuracy
Inductance:	2000.0μH, 20.000mH, 200.00mH, 2000.0mH 20.000H, 200.00H, 2000.0H, 10000H	±(0.7%rdg + Lx/10000 + 5 digit) (DF<0.5)
Capacitance:	2000.0pF, 20.000nF, 200.00nF, 2000.0nF 20.000μF, 200.00μF, 2000.0μF, 10.000mF	±(0.7%rdg + 5 digit) (DF<0.1)
Resistance:	20.000Ω, 200.00Ω, 2.0000kΩ, 20.000kΩ, 200.00kΩ, 2.0000MΩ, 10.000MΩ	±(0.5%rdg + 8 digit)
DF (with C):	0 to 0.9999	±(0.7%rdg + 100/Cx + 5 digit)
Q:	0 to 9999	±(1.2%rdg + 100/Lx + 5 digit)
Test Frequency:	120Hz and 1kHz	
Dimensions:	7.56x3.58x2.1" (19.2x9.1x5.25cm)	
Weight:	12.87oz (365g)	



Ordering Information:

380193Passive Component LCR Meter
153117117VAC adaptor
153220230VAC adaptor
SW193Software



Optional Windows[®] compatible software

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