

Data Sheet

LCR Meter Model 875B

The rugged 875B LCR meter is a reliable, easy-to-use workhorse that will measure inductors, resistors, and capacitors quickly and accurately. Utilizing special circuitry, the measurement more closely replicates true in-circuit measurements. The meter allows for resistance measurement down to 1 mΩ of resolution and zero adjustment for removing lead resistance.

Features & Benefits

- Precision measurement of very low resistances
- Measures D (dissipation factor)
- Unique drop-proof construction
- Tilt stand
- Measures resistance using a test frequency that can cause an inductive reactance



Specifications	875B		
	Range	Resolution	Accuracy
Capacitance	200 pf	0.1 pf	1%+2
	2 nf	1 pf	
	20 nf	10 pf	
	200 nf	100 pf	
	2 μf	1000 pf	
	20 μf	0.01 μf	
	200 μf	0.1 μf	2%+10
	2 mf	1 μf	
	20 mf	10 μf	
Resistance	2 Ω	1 mΩ	1%+5
	20 Ω	10 mΩ	1%+2
	200 Ω	100 mΩ	
	2 kΩ	1 Ω	
	20 kΩ	10 Ω	
	200 kΩ	100 Ω	
	2 MΩ	1 kΩ	2%+2
	20 MΩ	10 kΩ	
Inductance	200 μH	0.1 μH	2%+2
	2 mH	1 μH	1%+2
	20 mH	10 μH	
	200 mH	100 μH	
	2 H	1 mH	Not specified, ranges are used for reference only
	20 H	10 mH	
200 H	100 mH		
General			
PowerSingle	9 V 006P battery		
Display	0.5" digital height, 3 1/2 digits liquid crystal display with "LOBAT" and decimal annunciators		
Low Battery Warning	Display will "LOBAT" in the last 5% of battery life		
Current Consumption	17.3 mA		
Temperature	32° to 104°F (0° to 40°C) Operating / -4° to 158°F(-20° to70°C) Storage		
Dimensions (LxWxH)	6.97" x 3.46" x 1.57" (177 x 88 x 40 mm)		
Weight	14 oz (400 grams)		
Three Year Warranty			
Supplied Accessories	Operation manual and one pair of test clips (red & black)		