



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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 mF	1 μF	
	20 mF	10 μF	2%+10
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%+2
	2 MΩ	1 kΩ	
	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	
<b>General</b>			
Power requirements	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° to 70° C) Storage		
Dimensions (LxWxH)	6.97" x 3.46" x 1.57" (177 x 88 x 40 mm)		
Weight	14 oz (400 grams)		
<b>Three-Year Warranty</b>			
Included accessories	Operation manual and one pair of test clips (red & black)		

