

## Data Sheet

### In-Circuit ESR & DC Resistance Capacitor Tester

#### Model 881

Model 881 is a new portable In-Circuit ESR Meter, the new compact hand-held tester can be used to measure the equivalent series resistance of electrolytic capacitors in or out of circuit and can also be used to measure low value non-inductive resistors. Model 881 is a must for anyone that tests or trouble shoots printed circuit boards.

- Measures ESR with a range of 0.1 to 30 ohms
- Three color front panel chart shows ESR readings of Good, Fair, and Bad
- Measures DC Resistance with a range of 0.1 to 30 ohms
- Automatically calibrates internal signal
- 15mVp-p Output test voltage (will not turn on any solid-state devices)
- Includes a one-handed tweezers test probe
- Uses a standard 9VDC battery as power source



Specifications	Model
	<b>881</b>
<b>Open circuit probe voltage</b>	15mV pp
<b>Output test frequency</b>	100 KHz sine wave
<b>Measures ESR</b>	
ESR range $\Omega$	0.1 – 30 (25 segment LED bar scale)
	Beeps from 1 to 5 beeps depending on ESR of capacitor
<b>Measures DC Resistance</b>	
DC Resistance range $\Omega$	0.5 – 30 flashing the LED
<b>Power</b>	
	One 9V battery or an external AC adapter (9V DC 100mA 5.5mm x 2.1mm center pin+)
<b>Power drain</b>	10mA typical
<b>Dimensions</b>	1.5" x 3.8" x 5.7"

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Specifications subject to change without notice