

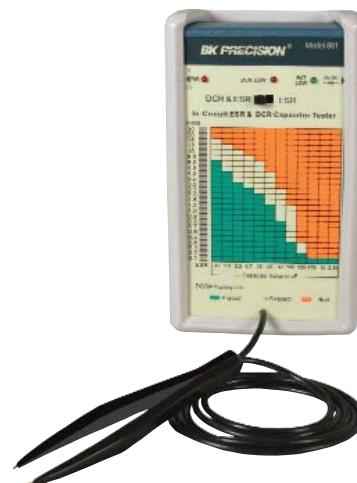
Capacitor Tester

Model 881

In-Circuit ESR & DCR Capacitor Tester

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 DCR 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



In the past, LCR meters were used to test the value of a capacitor (testing it out of circuit). These meters will indicate that a bad capacitor is good because it only measures its capacitance value, and a bad capacitor can still store the correct amount of charge when it is tested by a LCR meter. By using the Model 881 in its DCR & ESR Mode, the tester can quickly detect a shorted capacitor in its DCR cycle and also determine its ESR value, letting you know right away if a capacitor is good or bad. By performing this test in-circuit, a technician can quickly test many capacitors on the printed circuit board reducing the amount of time normally spent on trouble shooting.

Specifications

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

Accessories

One Year Warranty

SUPPLIED: Instruction Manual

OPTIONAL: BE 12 AC Adapter, Carrying Case (Not included): LC-29B

Optional Accessory

LC- 29B

Carrying Case

- Light weight, durable Cordura nylon
- Protects your instruments
- Room to hold your test leads

