

### 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"   |