

# BK PRECISION Component Testers



## BK PRECISION BENCH LCR/ESR METER WITH COMPONENT TESTER

The B&K Precision Model 889B Synthesized In-Circuit LCR/ESR Meter is a high accuracy test instrument used for measuring inductors, capacitors and resistors with a basic accuracy of 0.2%. Also, with the built-in functions of DC/AC Voltage measurements and Diode/Audible Continuity checks, the Model 889 can not only help engineers and students to understand the characteristic of electronics components but also being an essential tool on any service bench.



- Features:**
- Measurement parameters: Z, L, C, DCR, ESR, D, Q, ACV, DVC, ACA, DCA, and Ø
  - Test conditions: 100Hz, 120Hz, 1kHz, 10kHz, 100kHz, 200kHz, 1Vrms, 0.25Vrms, 0.05Vrms
  - 0.1% basic accuracy
  - Dual LCD display
  - Very quick response, user friendly
  - Fully auto/manual selection
  - DC resistance measurement
  - USB interface

MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-889B	889B	1475.00

## BK PRECISION LCR METER

- Features:**
- Measures capacitance, resistance, and inductance
  - Measures dissipation factor of capacitor and 1/Q of inductors
  - 3 1/2 digit LCD display
  - Three year warranty



- Specifications:**
- 200µH - 200H
  - 200pF - 20mF
  - 2-20MΩ
  - 1% accuracy

MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-875B	875B	225.00

## BK PRECISION HAND-HELD COMPONENT TESTER

Capacitance meter (0.1pF to 20mF) and ohm, meter (0.1 ohm to 20M ohm) also tests: transistors, beta, diodes, SCR's, LED's and batteries.

- Features:**
- Large 0.8" digit, high contrast LCD readout
  - 25 user ranges for versatile test selection
  - Tests resistance from 0.1Ω through 20MΩ
  - Tests transistors, SCR's, diodes, and LEDs
  - Tests batteries under actual loaded conditions
  - 5 foot drop-proof, heavy duty case
  - Tilt stand for benchtop use
  - Weight: 11.6 oz. (326g)
  - One year warranty
  - Supplied: test lead; spare fuse

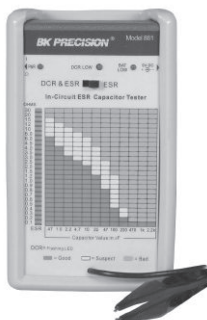


MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-815	815	105.00

## BK PRECISION IN-CIRCUIT DCR AND ESR TESTER

The In-circuit ESR & DCR capacitor tester is specially designed to measure ESR (equivalent Series Resistance) on capacitors in the range of 0.47µF to 2200µF, in or out of circuit. The ability to trouble shoot in-circuit saves time and makes the 881 a must for anyone that test or trouble shoots printed circuit boards.

- Features:**
- 100kHz Output test frequency
  - 15mVp-p Output test voltage (will not turn on any solid-state devices)
  - Automatically discharges the capacitor under test
  - Microprocessor controlled
  - One-handed tweezer test probe included
  - One year warranty



MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-881	881	210.00

## BK PRECISION SYNTHESIZED IN-CIRCUIT LCR/ESR METER WITH 100KHZ TEST FREQUENCY

The Model 886 Synthesized In Circuit LCR/ESR Meter is the first handheld meter of this type on the market, with a wide range of test frequencies up to 100kHz and many measurement parameters including Z, L, C, DCR, ESR, D, Q, and Ø. The 886 is designed for both component evaluation on the production line and fundamental impedance testing for bench top applications. With a built in direct test fixture, you can test the lead components very easily. The optional 4 wire test clip can give a convenient connection to larger components and assemblies with the accuracy of 4 wire testing. The LCR meters offer fast, reliable, and versatile testing at low cost, making the 886 the most advanced handheld LCR meters available today.

- Features:**
- Measurement parameters: Z, L, C, DCR, ESR, D, Q, and Ø
  - Test conditions: 100Hz, 1kHz, 10kHz, 100kHz, 1 Vrms, 0.25Vrms, 0.05Vrms
  - 0.5% basic accuracy
  - Dual LCD display
  - SMD surface mount tweezer probe included
  - Very quick response, user friendly
  - Fully auto/manual selection
  - DC resistance measurement
  - Rechargeable battery/AC powered
  - Infrared RS232 interface capability
  - Two year warranty



MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-886	886	835.00

## BK PRECISION CAPACITANCE METER

The Model 810C Capacitance Meter is a compact capacitance meter, designed for accurate measurement of capacitive components. It features direct plug-in test sockets and test lead jacks. A zero adjustment knob is also provided to "zero" test lead capacitance.



- Features:**
- Zero adjustment knob
  - Capacitor test sockets
  - Fuse protected
  - Protective rubber boot
  - One year warranty

MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-810C	810C	85.00

## BK PRECISION PRECISION 11,000 COUNT DUAL-DISPLAY HANDHELD CAPACITANCE METERS

- Features:**
- 11,000-count resolution on primary display
  - Bright LCD backlight
  - Secondary readings D,Q
  - 0.5% basic accuracy
  - Fast auto range design for rapid, easy component measurements
  - Relative mode
  - Visible and audible tolerance mode: 1%, 5%, 10%, 20%
  - Data Hold and Min/Max/Average recording
  - USB (Virtual COM) interface
  - SCP1 compliant commands for remote communication
  - Software for data logging and front panel emulation available as free download
  - Selectable auto-power off options and configurable power-up state
  - 3 year warranty



MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-830C	830C	289.00
615-890C	890C	149.00

## BK PRECISION SYNTHESIZED IN-CIRCUIT LCR/ESR METER

The 885 in-circuit LCR/ESR meter is the first handheld meter of this kind on the market. It was designed for both component evaluation on the production line and fundamental impedance for bench-top applications.

- Features:**
- Measurement parameters: Z, L, C, DCR, ESR, D, Q, and Ø
  - Test conditions: 100Hz, 120Hz, 1 kHz, 10kHz, 1Vrms, 0.5Vrms, 0.05Vrms
  - Dual LCD Display, SMD surface mount tweezer probe included, includes manual, SMD probe, 2 AA Ni-Mh batteries, AC adapter, shorting bar and software
  - Two year warranty



MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-885	885	595.00