

# B&K 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  $\Omega$
  - Test conditions: 100Hz, 120 Hz, 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:**
- 200 $\mu$ H - 200H
  - 200pF - 20mF
  - 2-20M $\Omega$
  - 1% accuracy

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

## BK PRECISION HAND-HELD COMPONENT TESTER

Capacitance meter (0.1 pF to 20 mF) 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 0.1 $\Omega$  through 20M $\Omega$
  - 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

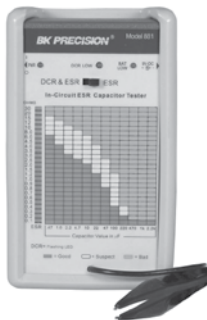


MOUSER STOCK NO.	BK Precision Part No.	Price Each
615-815	815	105.00

## BK PRECISION IN-CIRCUIT DCR & ESR TESTER

The In-circuit ESR & DCR capacitor tester is specially designed to measure ESR (equivalent Series Resistance) on capacitors in the range of 0.47 $\mu$ F to 2200 $\mu$ F, 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 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
  - SCPI 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  $\Omega$
  - 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

## BK PRECISION SYNTHESIZED IN-CIRCUIT LCR/ESR METER W/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  $\Omega$ . 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  $\Omega$
  - Test conditions: 100Hz, 1kHz, 10kHz, 100kHz, 1 Vrms, 0.25rms, 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