

# B&K PRECISION Test Equipment



## 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, 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

B&K Part Number 889B  
615-889B

1425.00

## 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

B&K Part Number 810C  
615-810C

82.55

## BK PRECISION CAPACITANCE METER

- Features:**
- Dual display simultaneously displays value and deviation from selected tolerance
  - Auto-range, 11000 count resolution and large LCD with dual display.
  - Wide range resolution and measurement from 0.1pF to 199.99 mF (50.00mF for model 890B)
  - Sort on preset tolerance of 1,5,10%
  - Program unique values to sort for specific circuit applications
  - Static Recording, you will know maximum, average and minimum values without calculator
  - Relative mode will help you to calculate the difference between a standard and a measuring value
  - USB PC interface for data logging software available



B&K Part Number 890B  
615-890B

134.00

## BK PRECISION AUTO RANGING CAPACITANCE METER

- Features:**
- Dual Display simultaneously displays value and deviation from selected tolerance
  - Sort on preset tolerance of 1,5, and 10%
  - Program unique values to sort for specific circuit applications
  - USB PC interface and data logging software included
  - 9V battery operated
  - Three year warranty



B&K Part Number 830B  
615-830B

289.00

## 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

B&K Part Number 875B  
615-875B

199.00

## BK PRECISION DUAL-DISPLAY HAND-HELD LCR BRIDGE WITH STATISTICAL FUNCTIONS

- Features:**
- Measures capacitance, resistance, and inductance
  - Measures dissipation factor of capacitors and Q of inductors
  - Simultaneously displays measured value and Q or dissipation factor
  - Tolerance mode "beeps" to indicate measured components outside a 1%, 5%, or 10% tolerance around a reference value
  - Two selectable test frequencies (120Hz, 1kHz)
  - Auto or manual ranging
  - One year warranty



B&K Part Number 878A  
615-878

249.00

## BK PRECISION DELUXE DUAL DISPLAY AUTO RANGING LCR METER

The 879 measures capacitance, resistance (of non-inductive components) and inductance. Components can be measured with selectable test frequencies in series or parallel modes as desired. The 4 1/2 digit main LCD displays values to 19,999, and the secondary 3 digit 1,000 count display reads D or Q.

- Features:**
- Selectable test frequencies 100Hz, 120Hz, 1kHz, 10kHz
  - Simultaneously displays measured component value and Q or Dissipation Factor (D)
  - Display hold
  - Relative mode
  - Tolerance mode
  - Backlight
  - RS 232 Interface (cable and software required)



615-879

299.00

## 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



B&K Part Number 885  
615-885

575.00

## 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 0.1Ω 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



B&K Part Number 815  
615-815

104.43

## 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 0.47µF 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



B&K Part Number 881  
615-881

210.00

## 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 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, 0.25rms, 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



B&K Part Number 886  
615-886

795.69

