

40,000 Count Dual Display Handheld LCR Meter with ESR

Model 879B

The model 879B 40,000-count handheld LCR meter measures inductance, capacitance, and resistance quickly and precisely. Additionally, the 879B supports remote control using SCPI commands and can calculate impedance, Θ , and ESR, features typically found only in bench LCR meters.

Fast auto ranging and quick measurement configuration such as measurement parameter and test frequency selection make the 879B very simple to operate. The meter also include handy functions such as data hold, Min/Max/Average recording, tolerance sorting, and relative mode

Measurement data can continuously transfer to a PC via the meter's mini USB interface, using either the provided data logging software or SCPI commands sent from a custom program.

Features & Benefits

- 40,000 counts resolution on primary and 10,000 counts resolution on secondary display
- L, C, R and Z primary measurements
- Automatic calculation of secondary parameters D, Q, Θ , and ESR
- 0.5% basic accuracy
- Fast auto range design for rapid, easy component measurements
- Relative mode
- Visible and audible tolerance mode
- Backlit display
- Data Hold and Min/Max/Average recording
- USB (Virtual COM) interface
- SCPI compliant commands for remote communication
- Software for datalogging and front panel emulation available as free download
- Selectable auto-power-off options
- Configurable power-up-states
- Included AC power adapter

Applications

- Passive component trouble shooting
- Electronic assembly
- Quality control (component sorting)

Model: LC 29B
DMM Carrying Case

- Made in the U.S.A.
- Light weight, durable Cordura nylon
- Protects your instruments

- Room to hold your test leads
- Approximate Internal Dimensions: 4 x 2.5 x 8" (102 x 64 x 203mm)

- Model: TL 8
- Tweezer Test Lead (Surface Mount)
- Two conductor leads 400V rms, 1A
- For measuring small SMT type components like capacitors, resistors & inductors

Model: TL LCR

Test Leads for 830B, 830C, 890B, 890C, 875B, 878, 878A, 878B, 879, 879B (Sheathed)

- Includes one red and one black lead
- 5" Long sheathed banana to alligator clip
- Short length allows for accurate component measurements
- Used with LCR Meters and Capacitance Meters