


LCR Meters

Keysight LCR meters provide the best combination of accuracy, speed, and versatility at affordable prices for both R&D and production applications.

E4980A/AL precision LCR meter

Industry-leading combination of accuracy, speed, versatility and upgradability

- Exceptionally low noise at both low and high impedance
- 20 Hz to 2 MHz, test frequency with 4-digit resolution (E4980A)
- 20 Hz to 300 kHz / 500 kHz / 1 MHz, test frequency with 4-digit resolution (E4980AL)
- Frequency upgradable to 500 kHz or 1 MHz (E4980AL)
- 0.05% basic impedance accuracy
- 5.6 ms (SHORT), 88 ms (MED) at 1 MHz (E4980A)
- 12 ms (SHORT), 118 ms (MED) at 1 MHz (E4980AL)
- 20 Vrms test signal, 40 V DC bias, (and DC source with E4980A Option 001)
- 201-point programmable list sweep. Sweep type: frequency, OSC level, DC bias, (and DC source with E4980A Option 001)
- Open/short/load compensation
- Available material measurement software N1500A-006
-  BenchVue software supported



E4981A capacitance meter

Fast, accurate, and repeatable measurement

- Ideal for reliable high-speed measurements for high-volume ceramic capacitor manufacturing
- 120 Hz / 1 kHz / 1 MHz test frequencies (E4981A-001)
- 120 Hz / 1 kHz test frequencies (E4981A-002)
- High-speed measurement: 2.3 ms (1 MHz), 3.0 ms (1 kHz), 11.0 ms (120 Hz)
- Accurate C-D testing: 0.07%, 0.0005



E4982A LCR meter

Best performance for the passive component manufacturing such as SMD inductors and EMI filters

- Four frequency options: 1 MHz to 300 MHz / 500 MHz / 1 GHz / 3 GHz, upgradable
- High-speed measurement: 0.9 ms (Mode 1), 2.1 ms (Mode 2), 3.7 ms (Mode 3)
- 0.8% basic accuracy with unparalleled measurement repeatability
- Wide impedance measurement range from 140 mΩ to 4.8 kΩ
- 1 kHz frequency resolution

