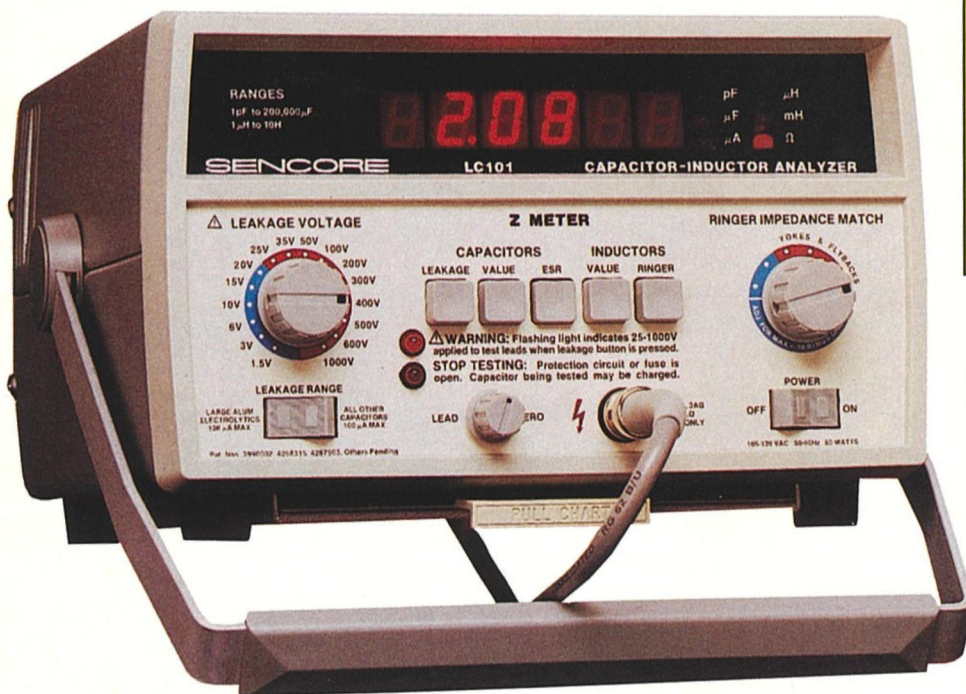


LC101 Z Meter™ Capacitor-Inductor Analyzer



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Dynamically Analyzes Capacitors And Inductors With 100% Reliability For Defects That All Other Testers Miss; Guaranteed, Or Your Money Back . . .

Exclusive Dynamic Tests Analyze Capacitors For:

- Value
- Dielectric Absorption
- Leakage
- Equivalent Series Resistance
- Dynamically Analyzes True Inductance Value And Effective Q (Quality) With A Patented Ringer Test
- Finds Distance To Within Feet Of Open Or Shorted Transmission Lines
- Dynamically Analyzes SCRs, Triacs, Hi-Voltage Rectifiers, And Diodes
- Checks Leakage As Low As One Microamp With Up To 1000V Applied In Cables, Switches, PC Boards, And Connectors

Analyze Capacitors With Speed And Confidence:

The LC101 lets you analyze capacitors for Value from 1.0 pF to 199,900 uF, leakage to 1000V, Dielectric Absorption, and Equivalent Series Resistance (ESR).

Analyze Inductors In Or Out Of Circuit:

Read inductor value from 1 uH to 10 H ± 2% and inductor quality (ringing) with 100% reliability. Patented Ringer method lets you detect even one shorted turn.

Locate Faults In Transmission Lines

(Even In Buried Cable): Simply measure the capacitance of an open transmission line (or the inductance of a shorted one), and calculate the distance to within feet of the defect.

Find Troublesome Leakage Paths: Read leakage from one microamp, with voltages to 1000V, to find hidden leakage

paths in switches, PC boards, connectors, and contacts.

Test Sensitive Gate SCRs and Triacs:

Add the optional SCR250 accessory to test for turn-on, leakage, shorts, and opens of high voltage diodes and sensitive/normal gate SCRs and Triacs.

LC101 Specifications

CAPACITORS (Out Of Circuit): ±1% of reading + resolution error ±1 pF, 1.0 pF to 1000 uF, ±5% + res. error for caps over 1000 uF autoranged. Leakage: ±5%, resolution error, 0 to 9.99 uA; two ranges. Voltages: 16 DC voltages from 1.5 VDC to 1000 VDC. Dielectric Absorption: **Patented.**

CAPACITOR ESR: ±5% + resolution error, 0.1 Ohm to 999 Ohms, autoranged: 1 uF min value: **Patented.**

INDUCTANCE (In Or Out Of Circuit): ±2% of reading + resolution error, 1.0 uH to 9,990 mH, Autoranged. **Ringng:** Dynamic Quality Test: **Patented**

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