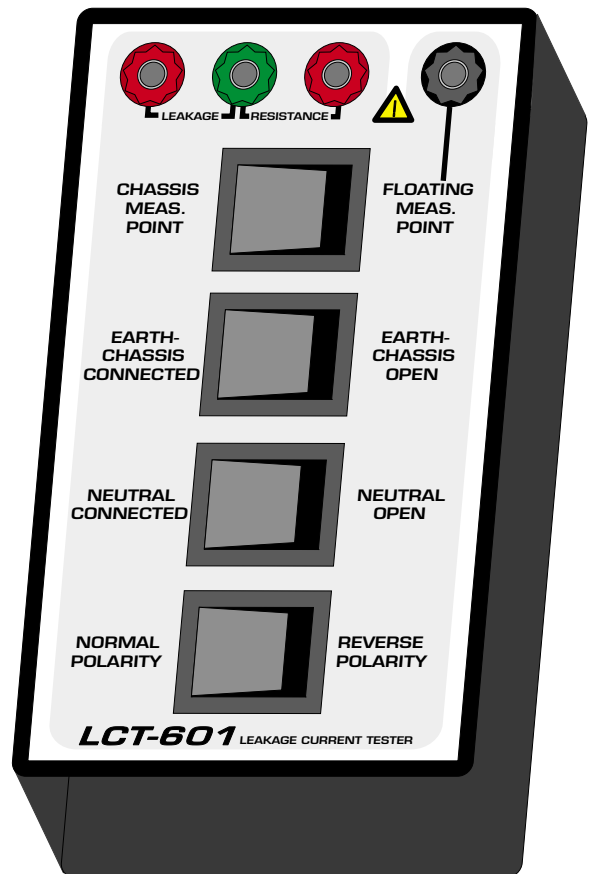


NEW!

LCT-601

FAST • SAFE • RELIABLE

Designed to provide a fast, safe and reliable method of performing production-line and field testing of leakage current and ground path resistance. Saves time by including all test switch permutations. Reduces the potentially dangerous risks associated with other test methods. Saves money by using an external multimeter (not provided) that you probably already own.



LCT-601 LEAKAGE CURRENT & GROUND RESISTANCE TESTER

Features

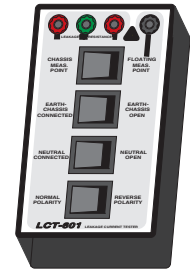
- Quickly and easily performs resistance and leakage measurements
- Provides compliance to:
 - NFPA 99-1999 sections 7-5.1.3.2 to 7-5.2.2.1 for resistance and leakage testing of field-installed equipment NFPA 99-2002 sections 8.4.1.3.2 to 8.4.2.2.1)
 - NFPA-99 section 9-2.1.13 for production resistance and leakage testing (NFPA-2002 section 10.2.13)
 - UL and IEC 60601-1 leakage testing
- 4 switches allow all common tests to be performed no complicated calibration necessary - requires only a verification of internal component values
- Used with your existing multimeter (not provided) for increased versatility and cost savings
- Portable, lightweight. Measures 6.6 x 5.3 x 2.3 in.
- Custom leads and connectors available
- Custom body-simulator circuits available
- Ergonomically designed for safety, speed and efficiency
- No batteries or power required

**COMPLIANCE
WEST USA**
CALL (800) 748-6224

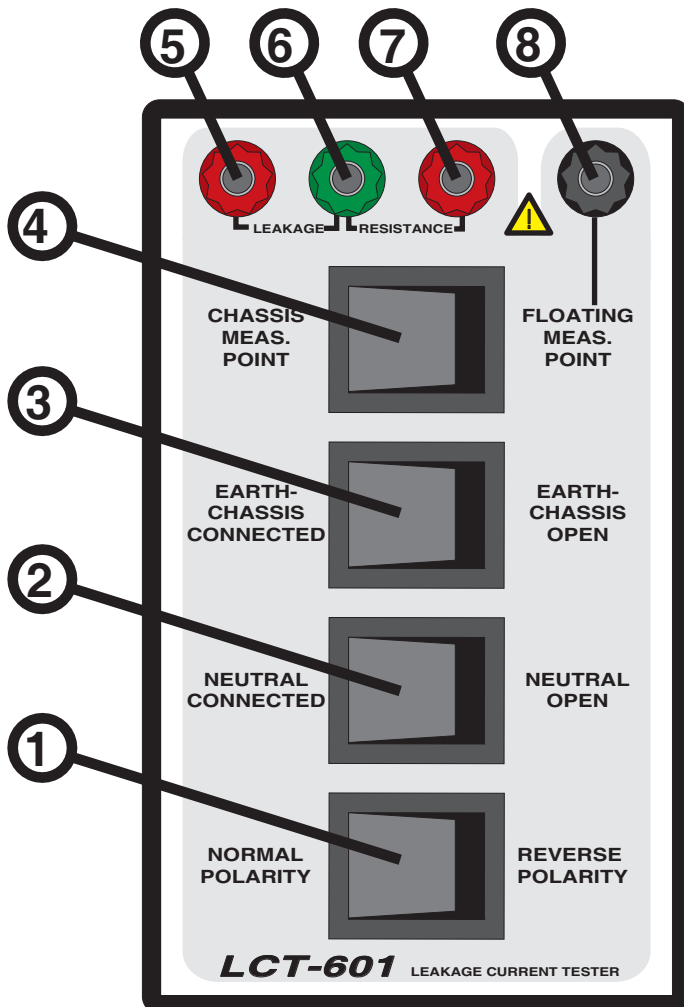


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LCT-601



OPERATION



Item	Name	Function
1	Polarity switch	Used to reverse the polarity of the output power to the EUT (line and neutral are swapped). EUT should comply with the required leakage current limits in Normal and Reverse polarity.
2	Neutral switch	Used to disconnect the Neutral of the incoming power (before the polarity switch). Leakage currents are generally higher with the Neutral open; many standards and requirements specify that the Leakage measurement be made with the Neutral open as a single-fault condition (higher leakage limits apply). In normal conditions this switch is left in the Neutral Connected position.
3	Earth-Chassis switch	In the Open position, used to disconnect the incoming ground from the output ground in order to make leakage current measurements. In the Closed position, the incoming ground and the output ground are connected together.
4	Measurement point switch	Used to select where the leakage measurement is being made. In the Chassis position, the leakage measurement is made from the output ground to the incoming ground. In the Floating position, the leakage measurement is made from where the floating measurement point is connected by the operator (to the EUT), to the incoming ground.
5	Leakage measurement connection point	Your external calibrated meter is connected to terminals 5 and 6. Set the meter to read "millivolts AC". The displayed reading will be 1 millivolt for each milliamp of leakage current.
6	Input Ground (circuit common)	Used as the common point for leakage measurements. To measure the resistance from any point to the incoming (building) ground, turn switch 3 to "Open", and connect a resistance meter to this jack, and the other end of the resistance meter to the point to be measured.
7	Output Ground	To measure the resistance from the ground wire of the EUT to any other point, turn switch 3 to "Open", and connect a resistance meter to this jack, and the other end of the resistance meter to the point to be measured.
8	Floating measurement point	Used to measure the leakage from any point on the EUT when switch 4 is in the "Floating" position. This is typically used to measure leakage from ungrounded parts or patient-contact parts.