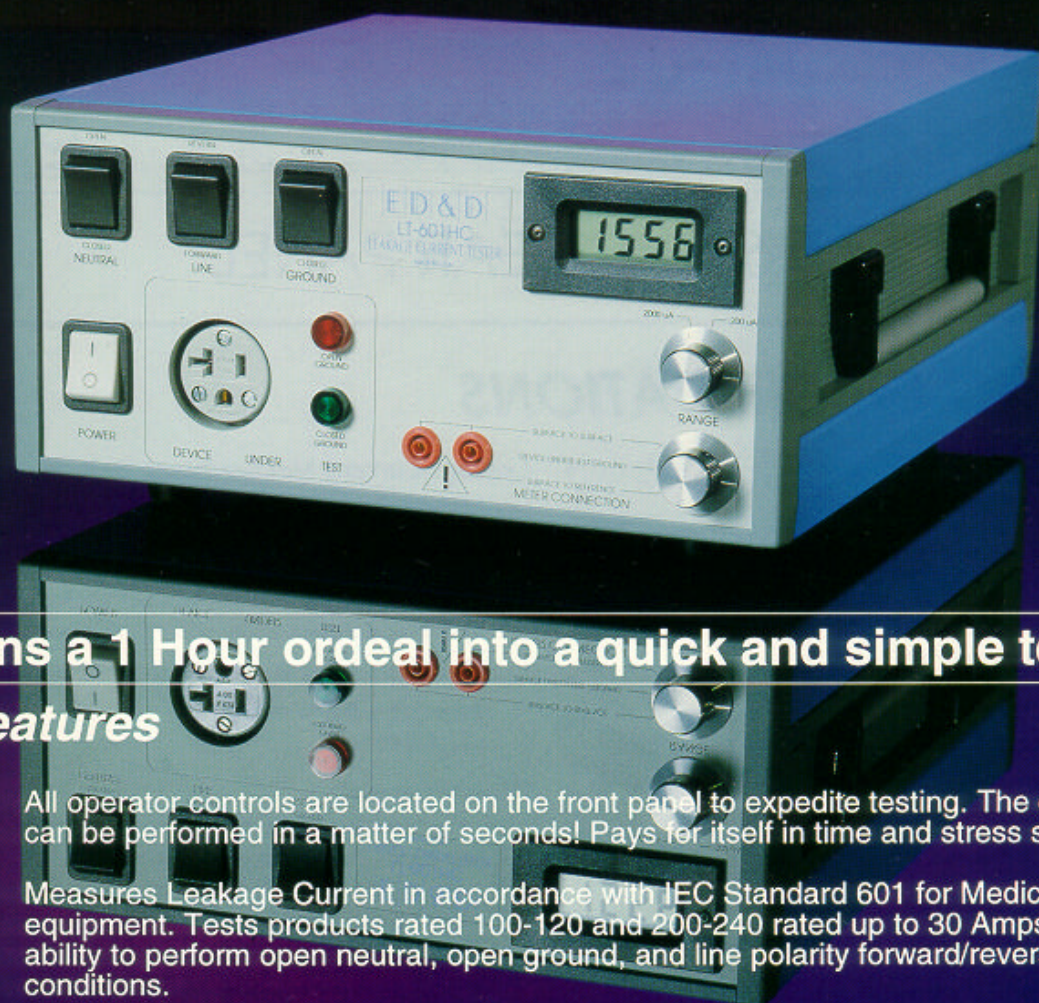




LABORATORY, PRODUCTION-LINE, AND
FIELD TESTING IN ACCORDANCE WITH
MEDICAL & DENTAL STANDARD IEC601

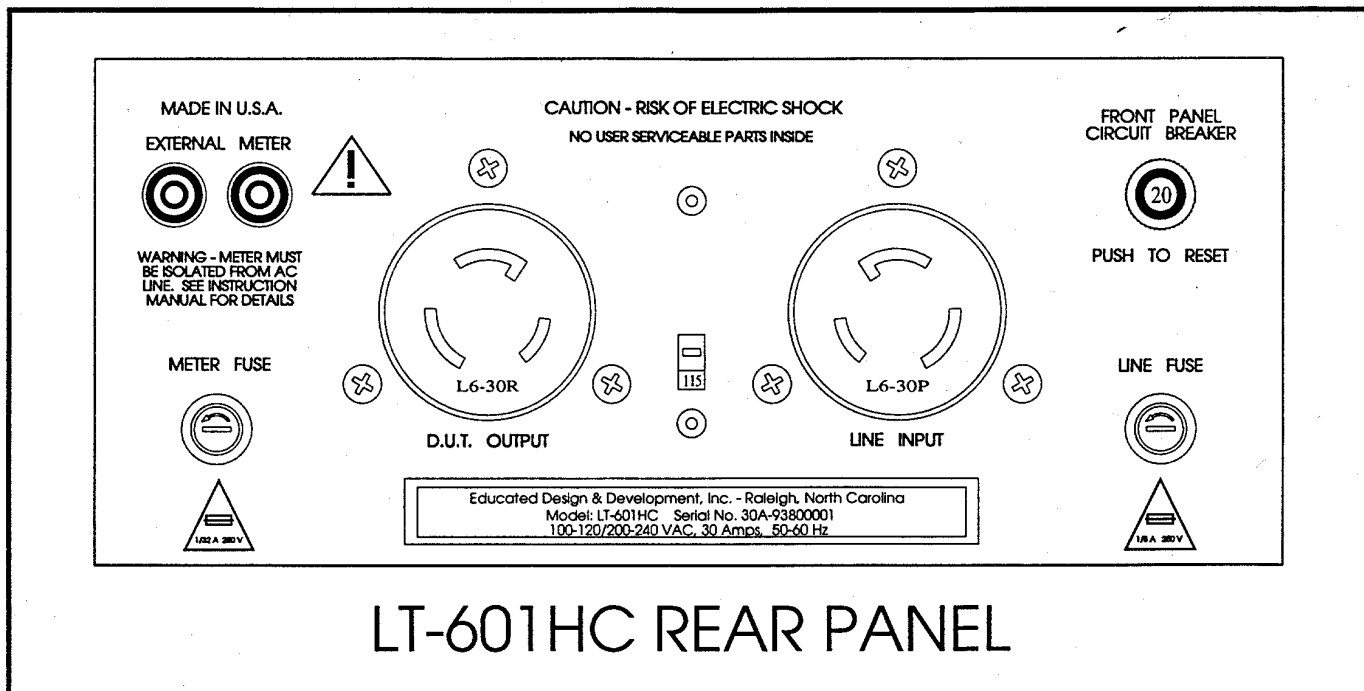
LT-601HC LEAKAGE CURRENT TESTER



Turns a 1 Hour ordeal into a quick and simple test !

Key Features

- Fast** All operator controls are located on the front panel to expedite testing. The entire test can be performed in a matter of seconds! Pays for itself in time and stress savings.
- Versatile** Measures Leakage Current in accordance with IEC Standard 601 for Medical & Dental equipment. Tests products rated 100-120 and 200-240 rated up to 30 Amps. Includes ability to perform open neutral, open ground, and line polarity forward/reverse test conditions.
- Accurate** True RMS meter accurately measures both sinusoidal and non-sinusoidal waveshapes. This is important when testing products using a switch mode power supply which can generate non-sinusoidal leakage currents. Calibrated, traceable to NIST.
- Flexible** A front panel switch permits testing either through the power cord of the product under test, from surface/patient connection-to-ground, or from surface/patient connection-to-surface/patient connection.
- Convenient** 120 Volt, 20 Amp front panel receptacle allows for convenient testing of 120 Volt products. Universal rear panel connector allows for testing products with any plug configuration rated 100-120 or 200-240 Volts at up to 30 Amps.
- Adaptable** Rear panel jacks allow for monitoring the leakage current waveform with an oscilloscope.
- Portable** Lightweight with integral handle permits portability. Metallic enclosure insures durability.



LT-601HC SPECIFICATIONS

- **Input Ratings**
100-120 / 200-240 VAC
30 Amps
50-60 Hz
- **Output Ratings**
Same as input ratings
- **Measurement Ranges**
200 μ A Range \ Resolution: 0.1 μ A, Accuracy: \pm 1%
2000 μ A Range \ Resolution: 1.0 μ A, Accuracy: \pm 1%
- **Display**
3-1/2 digit LCD display
- **Body Impedance Circuits**
- Network in accordance with IEC 601
- **Meter Measurement Reference**
 - a) Neutral for 120V products
 - b) Ground for 240V products
- **Leakage Current Measurement Switch**
Leakage Current can be measured:
 - a) Through product's power cord grounding conductor
 - b) Surface (or patient connection) to Neutral (120V)
 - c) Surface (or patient connection) to Ground (240V)
 - d) Surface/patient connection-to-Surface/patient connection
- **Mechanical**
Size: 5.5" x 11.5" x 13.25"
Weight: 13 lbs.
- **Other Features**
 - Product Ground Switching (grounding conductor maintained to device under test when not measuring leakage).
 - Automatic front receptacle disconnect when configured in the 240V test mode (prevents inadvertant connection of 120V when configured for 240V operation).
- **Optional Accessories**
 - Deluxe padded Carrying Case with shoulder strap
 - ATA rated hard shell shipping case
 - Custom Input power cordsets
 - Custom Output power cordsets

MADE IN U.S.A.

Patents Pending