

HT-5000 AC/DC Hipot Tester

FAST - SAFE - RELIABLE



5000Vac/7000Vdc Hipot Tester

- The HT-5000 has a digital voltage meter on the front panel as well as ramp progress bars which show the status of the voltage ramp-up at test start.
- Output is up to 5000Vac at up to 10mA and up to 7000Vdc at up to 5mA.
- Voltage is variable from the front panel knob. Ramp time, test dwell time, and leakage current limit can be set on the rear panel. Voltage ramp, shutdown on failure, and test timer can be defeated by rear panel switches.
- Separate high voltage arc detection circuit detects dielectric breakdown events.
- Upon failure, buzzer sounds, testing is terminated, and red lights on front panel show failure mode.

**COMPLIANCE
WEST** USA
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FEATURES

HT-5000 AC/DC Hipot Tester

Designed for product development and laboratory use.

Automatic voltage rampdown circuit eliminates residual voltage.

High Voltage Test Jack output.

Voltage ramp, shutdown on failure and test timer are defeatable.

Operation instructions provided on rear panel.

Ergonomically designed for safety speed and efficiency.

Calibration resistor mounted on rear panel.

Calibration Certificate, leads and manual included.

SPECIFICATIONS

Model: HT-5000 AC/DC Hipot Tester.

- Output: 0-5000 volts AC and 0-7000 volts DC.
Leakage current 1-10mA AC; 0.5-5mA DC.
- Pass/Fail Criteria:
Leakage Current: Pass/Fail point user adjustable
Dielectric Breakdown: Separate high frequency detection circuit, factory adjusted.
- Test Time: User adjustable, 1-60 sec., defeatable.
- Voltage Ramp Time: User adjustable 0.5-5 sec., defeatable.
- Voltage Rampdown Time: Factory set 8 sec. maximum.
- Pass/Fail Repeatability: $\pm 3\%$
- Duty Cycle: 100%
- Test Adjustments, Rear Panel: Ramp Time, Test Time, Leakage Current Limit, Voltage Adjust, Voltage Ramp Defeat, Timer Duration Defeat, Shutdown on Failure Defeat.

ENVIRONMENTAL

Operating temperature: 15-40 C

Relative Humidity Range: 0-90% non-condensing

AVAILABLE OPTIONS

- Option 240: 240V operation.
- Option RI: PLC Interface Relay Board.
- Option VF: Voltage Hold on Failure.
- Option HAN: Top-Mounted Handle
- Option Lc5: 3U enclosure with current meter

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