

# HT-5000

**FAST • SAFE • RELIABLE**



## **DIELECTRIC WITHSTAND (HIPOT) AC/DC LABORATORY / ENGINEERING TESTER**

### Features

- AC Output to 5000 volts; DC output to 7200 volts delivers up to 20 milliamps. Custom configurations up to 300 mA available..
- AC/DC selectable. Logic controlled, one button test. LED's indicate test progress. Upon failure, buzzer sounds and testing is terminated.
- Leakage current limit, voltage ramp-up time and test duration are controlled from the rear panel. Output voltage adjustable from front and rear.
- Automatic voltage rampdown circuit eliminates residual voltage.
- Designed for product development and laboratory use.
- High voltage test jack output.
- Voltage ramp, shutdown on failure and test timer are defeatable.
- Operation instructions provided on the rear panel.
- Ergonomically designed for safety, speed and efficiency.
- Calibration resistor mounted on rear panel.
- One year calibration cycle.
- Economical, durable and compact.
- Test leads included.
- 30 day trial - 1 year warranty

**COMPLIANCE  
WEST** USA  
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# HT-5000



## ELECTRICAL

Output:	0-5000 Volts AC and 0-72000 Volts DC. Leakage current 0-10 mA AC; 0-5 mA DC Other configurations available.
Pass/Fail Criteria:	
Leakage Current:	Pass/Fail point user adjustable
Dielectric Breakdown:	Separate high frequency detection circuit for breakdown spike detection.
Test Time:	User adjustable 1-60 sec., defeatable.
Voltage Ramp Time:	User adjustable .5-5 sec., defeatable.
Voltage Ramp Down Time:	Factory set 8 sec. maximum
Pass/Fail Repeatability:	± 3%
Duty Cycle:	100%
Meter Accuracy:	± 3% Full scale
Test Adjustments:	Rear panel: Ramp Time / Test Time / Leakage 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

## GENERAL

Input Power Requirements:	Model HT-5000: 114-127 volts, 50/60 Hz Model HT-5000L: 98-120 volts, 50/60 Hz
Weight:	17.5 lbs.
Dimensions:	11.250 (W) x 4.250 (H) x 12.000 (L) in.

## SAFETY

Transformer Output:	<500 VA
Visual Indication Of Voltage Output:	Provided by front panel meter, directly connected to high voltage output.
Failure Indication:	Audible, provided by internal buzzer Visual, provided by red LED's on front panel Test automatically terminated on failure.
Leakage Test:	Provided; 5mA factory set pass/fail point, user adjustable. 120 Kohm calibration resistor provided on rear panel.