



HIPOT TESTERS / specialty testers

HT-3000AC-1A

FAST SAFE RELIABLE



➤ DIELECTRIC WITHSTAND 3000 VAC at up to 1A continuous

➤ FEATURES

- ▶ AC Output to 3000 volts; delivers up to 1A.
- ▶ Logic controlled, one button test. LED meters indicate actual voltage and current. Upon failure, buzzer sounds and testing is terminated.
- ▶ Output voltage, leakage current limit, and test duration are controlled from the front panel.
- ▶ Front panel fuse means easy maintenance.
- ▶ Cables, manual and Cal Cert included.
- ▶ Voltage rampdown in < 1 second, actual output voltage displayed on meter.
- ▶ Optional external interlock disables HV output and defeats test when circuit is open.
- ▶ Leakage current cutoff can be set from 50 mA to 1A.
- ▶ Ergonomically designed for safety, speed and efficiency.
- ▶ Mains shutdown switch on front panel for safety.
- ▶ One year calibration cycle.
- ▶ Economical, durable and compact.
- ▶ Test leads included.
- ▶ Attractive 9U enclosure.
- ▶ 1 year warranty



The blue box that tests. And tests.

HT-3000AC-1A



ELECTRICAL ▾

Input Power Requirements:	220 or 240V, 50/60Hz, 15A.
Weight and Dimensions:	17 in. wide by 9U high by 17 in. deep; 140 lbs. net wt (approx)
Output:	0-3kV AC into High Voltage jack/receptacle with 4 foot lead and alligator clip.
Leakage Current:	To 1A continuous
Pass/Fail Criteria:	
Leakage Current:	User adjustable by front panel knob 50mA - 1A
Test Time:	User adjustable 1-60 sec. or defeat (desired voltage delivered while TEST button is pressed). For continuous operation, specify Option RF.
Voltage Ramp Time:	Manual ramp only.
Voltage Meter Accuracy:	± 5% 500V - 3000V. Order Option VF if voltage hold on failure is desired.
Voltage Meter Lag:	Digital meter; displays correct voltage when refreshed (approx. 3 times per second)
Duty Cycle:	100%
Discharge Time:	<1 second. Output voltage is always displayed on front panel meter.
Test Adjustments:	Voltage, leakage current trip and test dwell level adjustments. Timer defeat.



ENVIRONMENTAL ▾

Operating Temperature::	15-40°C
Relative Humidity Range:	0-90% non-condensing



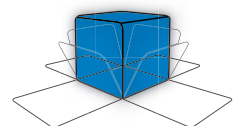
OPTIONS ▾

Option TM:	Computer control via parallel port. Test results sent to computer; no voltage data.
Option RI:	Isolated relay I/O for operation via your PLC. Custom per your requirements; contact factory for details.
Option VF:	Voltage hold on failure; voltage meter reads last count until RESET button is pressed.
Option XI:	External interlock; two position terminal block on rear panel must be shorted for high voltage operation.
Option SV:	Safe voltage relay output. Two position terminal block on rear panel; terminals are shorted when high voltage output is 50V or lower.
Option ZOS:	Requires the operator to reset the voltage knob to its minimum position before the TEST button can be pressed.
Option RF:	Continuous Operation. Switch selects between Timer/Always on operation.



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.



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