



HIPOT TESTERS / production line testers

HT-3000P

FAST SAFE RELIABLE



➤ DIELECTRIC WITHSTAND/GROUND CONTINUITY 2000VAC / 2800 VDC with offline test time/current limit setup and viewing.

➤ FEATURES

- ▶ AC Output to 2000 volts; delivers up to 20mA.
- ▶ DC Output to 2800 volts; delivers up to 5mA.
- ▶ Logic controlled, one button test. LED's indicate test progress. Upon failure, buzzer sounds and testing is terminated.
- ▶ Output voltage, leakage current limit, voltage ramp-up time and test duration are controlled from the rear panel. Leakage current limit and test time are displayed on LED and are adjustable with high voltage output defeated.
- ▶ Ground continuity test is defeatable for testing of two wire products.
- ▶ Nema 5-15R receptacle provided on front panel for high voltage output.
- ▶ Automatic voltage rampdown circuit.
- ▶ Operation instructions provided on the rear panel.
- ▶ Performs to UL and CSA safety agency requirements for production hipot testing.
- ▶ Can be connected to our GF-30ac Ground Bond tester for complete TUV and European safety testing.
- ▶ Ergonomically designed for safety, speed and efficiency.
- ▶ Small footprint and light weight.
- ▶ Economical, durable and compact.
- ▶ Calibration Certificate included.
- ▶ Test leads included.
- ▶ TEST-LINK Compatible



The blue box that tests. And tests.

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SIGNAL TEST[™]
New & Used Test Equipment

HT-3000P



ELECTRICAL ▾

Output:	0-2000 Volts AC and 0-2800 Volts DC +0 -10% into NEMA 5-15R receptacle or high voltage receptacle, both mounted on front panel Pigtail and Receptacle adapters available for most configurations.
Leakage Current	1-20 mA AC or 1-5 mA DC, set using LED display with HV output defeated. (See picture on right above for leakage current display.)
Pass/Fail Criteria:	
Ground Continuity:	3 ohm \pm 5% * (defeatable)
Leakage Current:	User adjustable 1-20mA AC or 1-5 mA DC in 0.1 mA increments
Dielectric Breakdown:	True arc detection using separate high frequency transformer.
Test Time:	User adjustable 1-60 sec. in 1 second increments using LED display with HV output defeated. (See center picture above for test time display)
Voltage Ramp Time:	User adjustable .5-5 sec.
Test Status:	Progress Lights on Front Panel show test progress and results.
Duty Cycle:	100%
Meter Accuracy:	\pm 2%: 500V to maximum output
Discharge Time:	Immediate voltage discharge upon failure or end of test.
Test Adjustments:	Tamper-proof operation available by pulling knobs.



ENVIRONMENTAL ▾

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



GENERAL ▾

Input Power Requirements:	114-127 volts, 50/60 Hz
Weight:	10.5 lbs.
Dimensions:	9.250 (W) x 4.250 (H) x 10.000 (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.
Ground Test:	Provided; 3 ohm pass/fail point. May be defeated for testing of products with two wire power supply cords.
Leakage Test:	Provided; 2mA factory set pass/fail point, user adjustable.
Operation Instructions:	Provided on rear panel.



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