HT-3000

FAST • SAFE • RELIABLE



DIELECTRIC WITHSTAND (HIPOT) AC/DC PRODUCTION LINE TESTER

Features

- *AC Output to 2000 volts; delivers up to 20mA, and 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.*
- *Ground continuity test is defeatable for testing of two wire products.*
- *Two high voltage output connections; NEMA 5-15R receptacle and a high voltage test jack.*
- *Automatic voltage rampdown circuit eliminates residual voltage.*
- *Operation instructions provided on the rear panel.*
- *Performs to UL, CE, IEC, CSA, TUV safety agency requirements for production line testing.*
- *Ergonomically designed for safety, speed and efficiency.*
- *Calibration resistor mounted on rear panel.*
- *One year calibration cycle.*
- *Economical, durable and compact.*
- *Test leads included.*
- ***TEST-LINK** Compatible*
- *30 day trial - 1 year warranty*

MADE WITH PRIDE IN THE U.S.A.

COMPLIANCE WEST USA
CALL (800) 748-6224
www.compwest.com

HT-3000



ELECTRICAL

Output:	0-2000 Volts AC and 0-2800 Volts DC Pigtail and Receptacle adapters available for most configurations. Consult factory.
Leakage Current:	0-20 mA AC; 0-5 mA DC
Pass/Fail Criteria:	
Continuity:	3 ohm ± 5%* (defeatable)
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.
Voltage Ramp-Up Time:	User adjustable .5-5 sec.
Voltage Ramp-Down Time:	Factory set 1 sec. approx.
Pass/Fail Repeatability:	± 3%
Duty Cycle:	100%
Meter Accuracy:	±3% Full Scale
Test Adjustments:	Rear Panel: Ramp Time Test Time Leakage Limit Voltage Adjust Tamper-proof operation available by removing adjustment shafts.

ENVIRONMENTAL

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

GENERAL

Input Power Requirements:	Model HT-3000: 114-127 volts, 50/60 Hz Model HT-3000L: 98-120 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.
Continuity Test:	Provided; 3 ohm pass/fail point. May be defeated for testing of products with two wire power supply cords.
Leakage Test:	Provided; 5mA AC/1 mA DC factory set pass/fail point, user adjustable. 120 Kohm calibration resistor provided on rear panel.
Operation Instructions:	Provided on rear panel.

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