

# Hipot Testers

## HT-S Series



FAST



SAFE



RELIABLE



\*Image for reference



## DIELECTRIC WITHSTAND/GROUND CONTINUITY TESTER

The HT-P V2 series Hipot Tester with adjustable voltage output, voltage ramp, test time, leakage current and ground continuity limit setting.



## FEATURES

### Models

**HT-2000P V2, HT-2800P V2, HT-3000P V2:**  
AC Output: 0-2000V Leakage current up to 20mA.  
DC Output: 0-2800V Leakage Current up to 5 mA.

Logic controlled, one button test, easy to setup, 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.

NEMA 5-15R receptacle provided on front panel for high voltage output.

Long life TEST and RESET buttons.

Operation instructions provided on the rear panel.

Can be connected to the GF-30AC-T ground bond tester for complete TUV and European safety testing, with the TESTLINK option.

Supports PLC interface for complete automated testing with the RI option.

Small footprint and lightweight.

Economical, durable and compact.

Calibration certificate included

6" drop tested.

One year calibration cycle.

One year warranty.

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## Specifications

<b>HT-2000P V2</b>	Voltage Test Type: Maximum Output Voltage: Maximum Leakage Current: Leakage Current Adjustment:	AC 2000 VAC 20mA AC 1-20mA AC, increments of 0.1 mA
<b>HT-2800P V2</b>	Voltage Test Type: Maximum Output Voltage: Maximum Leakage Current: Leakage Current Adjustment:	DC 2800 VDC 5mA AC 1-5 mA DC, increments of 0.1 mA
<b>HT-3000P V2</b>	Voltage Test Type: Maximum Output Voltage: Maximum Leakage Current: Leakage Current Adjustment:	AC/DC 2000VAC / 2800VDC 20mA AC / 5mA DC 1-20mA AC / 1-5mA DC, increments of 0.1 mA
<b>All Models</b>	Input Voltage: Frequency: Fuse: Breakdown Detect: Transformer Power: Leakage Current Detect: Ramp Time Range: Test Time Range: Discharge Time:  Display: Voltage Meter Accuracy: Leakage Accuracy: Ground Continuity:  Duty Cycle: Pass/Fail Repeatability:  Operation Temperature: Relative Humidity Range:	120 VAC 60 Hz 120/230 VAC 2 A Slow Blow Independent High Frequency Circuit (50 KHz – 500 KHz) < 500 VA Independent Low Frequency Circuit 1 - 5 Seconds 1 - 60 seconds <7ms for AC <1.3s for Max DC at Open Circuit 4 Digits LED Display ± 2 % ± 0.1 mA 2.93Ω Defeatable 100 % ± 3%  15 - 40 °C 0 - 90 % Non-Condensing



*The Right Source For Your Test & Measurement Needs*

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## General

### HT-2000P V2, HT-2800P V2, HT-3000P V2

Output Connector:	NEMA 5-15R Receptacle and 4mm H.V. Socket output
Dimensions:	9-1/4" Wide x 4-3/4" High x 10" Deep
Weight:	~11 lbs
Product Package:	HT-S Hipot Tester HT-S Product Manual 18 AWG Line Power Cord Ground Return Lead, 18AWG, 4ft long (1 x PN:00-GL) Ground Continuity Connector Tip (1 x PN: 00-GPIN) NIST Traceable Calibration Certificate to MIL-STD45662-A Calibration Data Copy

### HT-4200S

Output Connector:	4mm H.V. Socket output
Dimensions:	9-1/4" Wide x 4-3/4" High x 10" Deep
Weight:	~11 lbs
Product Package:	HT-S Hipot Tester HT-S Product Manual 18 AWG Line Power Cord Ground Return Lead, 18AWG, 4ft long (2 x PN:00-GL-S) High Voltage Test Lead, 5kV, Red 4ft long (1 x PN:00-HVTL-R-4) NIST Traceable Calibration Certificate to MIL-STD45662-A Calibration Data Copy



## Options

00-HVTL-R-6	High Voltage Test Lead, 5Kv, Red 6ft long
00-TL	TestLink option. Allows connection with GF-30AC-T for Ground Bond Test
00-TLC	TestLink Cableset. (For 00-TL)
00-RI	Relay Interface/PLC Interface. Test signals through relay contacts/coils
00-AR	Auto Reset on Pass option. Resets after passing test
00-HTT-1	Function Checker: Allows verification of functionality/calibration of your tester.



## Safety

Output Voltage Indicator:	Provided by front panel meter, directly connected to high voltage output.
Failure Indicator:	Visual, Provided by red LED's. Test automatically terminated on failure.
Leakage Test:	Factory setting set for pass/fail point (also user adjustable) 5mA AC and 2mA DC
Operation Instructions	Provided on rear panel



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