



Hipot Tester

HT-2000PV2, HT-2800PV2, HT-3000PV2

PN:00-HT2000PV2, 00-HT2800PV2, 00-HT3000PV2

❖ Dielectric Withstand / Ground Continuity Tester.



The HT-P V2 Hipot Testers series emerges from the redesigned HT-P series, offering new long-life buttons, robust design, lighter and cleaner appearance.

Performs the Breakdown, Leakage and Ground Continuity Test with a fixed Pass/Fail point of 2.93Ω.

Easy to use and connect. Ships complete with cables, manual, Calibration Certificate and Calibration Data Log Copy.

*Actual products may vary depending on options and configuration.

➤ Features

- Fast accurate results.
- Microcontroller Technologies.
- One button test, easy to setup.
- Long life TEST and RESET buttons.
- LED's indicate test progress.
- Upon failure, the buzzer sounds, and testing is terminated.
- Output voltage, leakage limit, volt ramp-up time and test duration are controlled from 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.
- 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**.
- Ergonomically designed for safety, speed, and efficiency.
- Rugged construction that can withstand a 6" drop with no damage.
- Small footprint and lightweight.
- Leads, manual and calibration certificate included.
- ISO17025 Calibration available.
- One year calibration cycle.
- One year warranty.



➤ Specifications

TESTING CIRCUITRY

HT-2000PV2

Test Type:	AC.
Max. Output Voltage:	2000Vac.
Leakage Current:	20mAac, 0.1mA increments.

HT-2800PV2

Test Type:	DC.
Max. Output Voltage:	2800Vdc.
Leakage Current:	5mAac, 0.1mA increments.

HT-3000PV2

Test Type:	AC/DC.
Max. Output Voltage:	2000Vac / 2800Vdc.
Leakage Current:	1-20mAac / 1-5mAac, 0.1mA increments.

All Models

Breakdown Detect:	Independent High Frequency Circuit (50KHz-500KHz).
Transformer Power:	<500VA.
Leakage Current Detect:	Independent Low Frequency Circuit.

Ramp Time Range:	1-5 Seconds.
Test Time Range:	1-60 Seconds.
Discharge Time:	<7ms for AC, <1.3s for max DC at open circuit.

Display:	4 Digits LED Display.
Voltage Meter Accuracy:	±2%
Leakage Accuracy:	±0.1mA.

Ground Continuity:	2.93Ω, Defeatable.
Duty Cycle:	100%
Pass/Fail Repeatability:	±3%

ELECTRICAL

Rated Input Voltage:	120Vac.
Frequency:	60Hz.
Fuse:	1A, 250V, time delay, 5x20mm.

SAFETY

Safety Interlock:	2-pin terminal block on rear panel; shorted for operation. (Optional)
Output Voltage Indicator:	Front panel meter directly connected to High Voltage.
Failure Indicator:	Visual; provided by red LED's, Audible; provided by buzzer. Test automatically terminated on failure.

OUTPUTS

NEMA 5-15R:	High Voltage output for easy DUT connection.
RETURN:	4mm Socket (XEF-1RR), 1000V, CAT IV, 24A, Black.



➤ Environmental

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

➤ General

Dimensions:	9¼" Wide x 4¾" High x 10" Deep.
Weight:	11lbs approx.
Product Package:	<ul style="list-style-type: none"> • HT-PV2 Tester. • HT-PV2 User Manual. • Ground Test Lead. • Calibration Pin. • Power Cord. • NIST traceable calibration certificate to ANSI Z540. • Calibration Data Copy.

➤ Options

00-TL:	TestLink option. Allows connection with GF-30AC-T for Ground Bond Test.
00-TLC:	TestLink cableset for use with 00-TL.
00-RI:	Relay Interface/PLC Interface. Test signals through relay contacts/coils.
00-AR:	Auto reset on pass. Resets after passing test.
00-XI:	External Safety Interlock.
00-HAN-L:	Carrying handle mounted on left side.
00-HAN-R:	Carrying handle mounted on right side.
00-HAN-T:	Carrying handle mounted on top side.
80-100-001-E	Explorer Case with foam for shipping/transport.
80-100-001-P	Pelican Case with foam for shipping/transport.

➤ Images



HT-2000PV2



HT-2800PV2



HT-3000PV2

Rev 3.3

