

Hipot testers

HT-PR Series

↘ FAST

↘ SAFE

↘ RELIABLE



↘ DIELECTRIC WITHSTAND/GROUND CONTINUITY TESTER

The HT-PR series Hipot Tester with offline adjust of test time, leakage current and now with adjustable ground continuity limit setting.

↘ FEATURES

AC output: 0-2000 V Leakage current up to 20 mA.

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, Ground continuity 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.

Operation instructions provided on the rear panel.

Performs UL and CSA safety agency requirements for production hipot testing.

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

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

Small footprint and light weight.

Economical, durable and compact.

Calibration certificate included.

 **CALRIGHT
INSTRUMENTS**

The Right Source For Your Test & Measurement Needs

2222 Verus Street Suite C San Diego CA 92154 USA
Toll Free: 866.363.6634 Tel: 619.429.4545 Fax: 619.374.7012
Email: sales@calright.com <http://www.calright.com>

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↘ Specifications

HT-2000PR	Voltage Test Type: Maximum Output Voltage: Maximum Leakage Current:	AC 2000 V 20 mA
HT-2800PR	Voltage Test Type: Maximum Output Voltage: Maximum Leakage Current:	DC 2800 V 5 mA
HT-3000PR	Voltage Test Type: Maximum Output Voltage: Maximum Leakage Current:	AC/DC 2000 VAC/2800 VDC 20 mA AC/5 mA DC
All models	Input Voltage: Frequency: Fuse: Breakdown Detect: Transformer Power: HV Shutdown By Hipot Fail: Leakage Current Detect: Ramp Time Range: Test Time Range: Discharge Time: Display: Voltage Meter Accuracy: Leakage Current: Ground Continuity: Ground Continuity Auto Offset: 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 < 7 mS Independent Low Frequency Circuit 1 - 5 Seconds 1 - 60 Seconds < 7 mS For AC < 1.3 S For Max DC at Open Circuit 4 Digits LED Display ± 2% 1 - 20 mA AC Increments of 0.1 mA 1 - 5 mA DC Increments of 0.1 mA ± 0.1 mA Accuracy 0.08 Ω - 1.50 Ω Increments of 0.01 Ω Defeatable Min Current: 100 mA ± 0.02 Ω Accuracy Defeatable 0.01 Ω - 1.00 Ω ± 0.02 Ω Accuracy 100 % ± 3 % 15 - 40 °C 0 - 90 % Non-Condensing

↘ General

Output Connector:	NEMA 5-15R Receptacle
Dimensions:	9-1/4" Wide x 4-3/4" High x 10" Deep
Product Package:	HT-PR Hipot Tester HT-PR Product Manual 18 AWG Test Lead (Black) Ground Continuity Connector Tip. 18 AWG High Voltage Test Lead (Red Only with HT-3000PR) 18 AWG Line Power Cord NIST Traceable Calibration Certificate to MIL-STD45662-A

↘ Options

Ground Bond Test:	TESTLINK Option Allows Connection With GF-30AC
PLC Interface:	RI Options Test Signals Through Relay Contacts/Coils
Auto Reset on Pass:	AR Option, Resets After Passing Test
Function Checker:	HTT-1: Allows to verify the functionality of your tester HTT-1R: Allows to verify the functionality and calibration of your tester

↘ Safety

Visual Indicator of Voltage Output:	Provided by front panel meter, directly connected to high voltage output.
Failure Indicator:	Audible, provided by internal buzzer. Visual, Provided by red LED's. Test automatically terminated on failure.
Leakage Test:	Provided, 5 mA AC factory set pass/fail point, user adjustable.
Operation Instructions:	Provided on rear panel.