

HT-PR Series

> FAST

SAFE

NRELIABLE





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 conected 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.

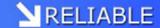


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HT-PR















Specifications

HT-2000PR

Voltage Test Type: Maximum Output Voltage:

Maximum Leakage Current:

HT-2800PR

Voltage Test Type: Maximum Output Voltage: Maximum Leakage Current:

HT-3000PR

Voltage Test Type:

Maximum Output Voltage: Maximum Leakage Current:

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: AC 2000 V

20 mA

DC 2800 V 5 mA

AC/DC

2000 VAC/2800 VDC 20 mA AC/5 mA DC

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

 $0.08~\Omega$ - $1.50~\Omega$ Increments of $0.01~\Omega$

Defeatable

Min Current: 100 mA \pm 0.02 Ω Accuracy

Defeatable

 $0.01~\Omega$ - $1.00~\Omega$

 \pm 0.02 Ω Accuracy

100 % ± 3 %

15 - 40 °C

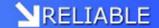
0 - 90 % Non-Condensing



HT-PR

№ FAST







General

Output Connector: NEMA 5-15R Receptacle

9-1/4" Wide x 4-3/4" High x 10" Deep Dimensions:

HT-PR Hipot Tester Product Package:

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

AR Option, Resets After Passing Test Auto Reset on Pass:

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

Provided by front panel meter, directly connected to high voltage ouput. Visual Indicator of Voltage Output:

Audible, provided by internal buzzer. Visual, Provided by red LED's. Test automatically terminated on failure. Failure Indicator:

Leakage Test: Provided, 5 mA AC factory set pass/fail

point, user adjustable.

Operation Instructions: Provided on rear panel.

