

Hipot Testers

HT-10000P ac

↘ FAST

↘ SAFE

↘ RELIABLE



↘ DIELECTRIC WITHSTAND

Model HT-10000P ac is a 10,000V AC Hipot Tester

↘ Features

- AC output: up to 10,000 V.
- Microcontroller Technology, 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 front panel.
- Voltage ramp, arc detection and test timer are defeatable.
- Separate arc detection circuitry.
- Ergonomically designed for safety, speed and efficiency.
- Designed for product development and laboratory use.
- Cables, manual and calibration certificate included.
- One year calibration cycle.
- One year warranty.

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Specifications

Voltage Test Type:	AC
Maximum Output Voltage:	0 - 10,000VAC
Maximum Leakage Current:	AC: 0 - 8000V=10mA, 10000V=8mA
Input Voltage:	120 V *optional different line voltages available (100V, 110V, 220V, 230V, 240V)
Frequency:	60 Hz
Fuse:	120/230 VAC 2 A Slow Blow
Breakdown Detect:	Independent High Frequency Circuit
Transformer Power:	< 500 VAC
Leakage Current Detect:	Independent Low Frequency Circuit
Ramp Time Range:	1 - 5 Seconds
Test Time Range:	1 - 60 seconds
Display:	4 Digits LED Display
Voltage Meter Accuracy:	± 2 %
Leakage Current Accuracy:	± 0.1 mA Full Scale
Duty Cycle:	100 %
Operation Temperature:	15 - 40 °C
Relative Humidity Range:	0 - 90 % Non-Condensing

General

Dimensions:	10 in Wide x 5 in High x 12 in Deep
Weight:	18 lbs
Product Package:	HT-10000P ac HT-10000P ac Product Manual 18 AWG Test Lead (Black) 18 AWG High Voltage Test Lead (Red) NIST Traceable Calibration Certificate to MIL-STD45662-A

Options

(XI) Safety Interlock:	Two position terminal block on rear panel must be shorted for high voltage operation.
(VF) Voltage on Failure:	If failure as Excess Leakage or Hipot Fail happens, it will terminate the test and the front voltage display will hold the last voltage reading.
(AR) Auto Reset on Pass:	Resets the HT-10000P after a few seconds only on passing test condition.
(ZOS) Zero Voltage Start:	Voltage adjust knob must be to minimum position to allow start the test cycle. This option will bypass the Ramp Time Adjustment feature of the equipment.
(RI) Relay Isolated Remote Interface:	It allows the interface with a PLC or other machine using relay closures. This option allows isolation between the PLC and the Hipot tester.

Safety

Visual Indicator of Voltage Output:	Provided by front panel meter, directly connected to high voltage output.
Failure Indicator:	Audible, provided by buzzer. Visual, Provided by red LED's. Test automatically terminated on failure.
Leakage Test:	Provided, 1 mA AC factory set pass/fail point, user adjustable.