

# Hipot Testers

**HT-10KVPac-20mA**

FAST

SAFE

RELIABLE



## DIELECTRIC WITHSTAND

Model HT-10KVPac-20mA 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 and test duration are controlled from the front panel.
- 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.

## Specifications

Voltage Test Type:	AC
Output Voltage:	0 - 10,000VAC
Leakage Current Adjustment:	1 - 20 mA AC, increments of 0.1 mA
Input Voltage:	120 V *different line voltages available, see options section
Frequency:	50/60 Hz
Fuse:	250 VAC 2 A Slow Blow
Breakdown Detect:	Independent High Frequency Circuit
Transformer Power:	< 500 VAC
Leakage Current Detect:	Independent Low Frequency Circuit
Test Time Range:	1 - 60 seconds
Displays:	4 Digits LED Display (Voltage), 3 Digits LED Display (Current)
Voltage Meter Accuracy:	± 2 %
Current Meter Accuracy:	± 0.1 mA from 1 – 17mA ± 0.2 mA from 17 – 20mA
Duty Cycle:	100 %
Operation Temperature:	15 - 40 °C
Relative Humidity Range:	0 - 90 % Non-Condensing

## General

Dimensions:	17" Wide x 6" High x 17" Deep
Weight:	32 lbs
Product Package:	HT-10KVPac 20mA HT-10KVPac 20mA Product Manual 18 AWG Test Lead (Black) 18 AWG High Voltage Test Lead (Red) NIST Traceable Calibration Certificate to ANSI Z540

## Options

(xxx) Different Line Voltages:	Replace on the part number xxx for 100, 110, 220, 230 or 240 depending the line voltage. (120V for standard configuration).
(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 tester 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.
(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.