

Hipot Testers

HT-10000P ac /dc



FAST



SAFE



RELIABLE



DIELECTRIC WITHSTAND

Model HT-10000P ac / dc is a 10,000V AC or 14000V DC Hipot Tester



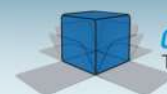
Features

- AC output: up to 10,000 V.
- DC output: up to 14,000 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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COMPLIANCE WEST USA
The blue box that tests. And tests.

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Specifications

| | |
|---------------------------|--|
| Voltage Test Type: | AC & DC |
| Maximum Output Voltage: | 0 - 10,000VAC & 0 - 14,000VDC |
| Maximum Leakage Current: | AC: 0 - 10000V=10mA DC: 0 - 14000V=5mA |
| Input Voltage: | 120 V *optional different line voltages available (100V, 110V, 220V, 230V, 240V) |
| Frequency: | 60 Hz / 50 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 |
| Displays: | 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

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|------------------|--|
| Dimensions: | 17 in Wide x 6 in High x 17 in Deep |
| Weight: | 32 lbs |
| Product Package: | HT-10000P ac/dc HT-10000P ac/dc 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. |
| (00-XXX) Input Voltage | Input Voltage options (substitute the X with the desired voltage, 100V, 110V, 220V, 230V, 240V) |

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. |