



Hipot Tester

HT-10KVP AC 100mA

PN: 00-HT10KVPAC-100mA

❖ 10KV AC Dielectric Withstand Tester.



*Actual products may vary depending on options and configuration.

The HT-10000P AC tester is a 10KVac hipot tester with Voltage display for easy output monitoring.

Offers defeatable arc detection and test timer settings, both adjustable on the front panel.

Easy to set up and use. Ships complete with cables, manual, Calibration Certificate and Calibration Data Log Copy.

➤ Features

- Fast accurate results.
- Microcontroller Technologies.
- One button test, easy to setup.
- LED's indicate test progress.
- Upon failure, the buzzer sounds, and testing is terminated.
- Output voltage, Test and Reset controls on front panel.
- Arc detection and test timer are defeatable.
- Designed for product development and laboratory use.
- Safety Zero Voltage Start included.
- Separate arc detection circuitry.
- Supports PLC interface for complete automated testing with the **RI option**.
- Main shutdown switch on front panel.
- Ergonomically designed for safety, speed, and efficiency.
- Leads, manual and calibration certificate included.
- ISO17025 Calibration available.
- One year calibration cycle.
- One year warranty.



➤ Specifications

TESTING CIRCUITRY

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|-------------------------|--|
| Test Type: | AC. |
| Max. Output Voltage: | 10,000Vac. |
| Max. Leakage Current: | 100mAac. |
| Breakdown Detect: | Independent High Frequency Circuit (50KHz–500KHz). |
| Transformer Power: | >500VA. |
| Leakage Current Detect: | Independent Low Frequency Circuit. |
| Ramp Time Range: | Manual, with safety Zero start. |
| Test Time Range: | 1-90 Seconds. |
| Display: | 4 Digits LED Display. |
| Voltage Meter Accuracy: | ± 0.1KVac full scale (0.50kV to 10.00kV). |
| Leakage Accuracy: | ±1mA full scale. |
| Duty Cycle: | 100%; Continuous. |

ELECTRICAL

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|----------------------|--------------------------------|
| Rated Input Voltage: | 120Vac. 220,230V optional |
| Frequency: | 50/60Hz. |
| Fuse: | 10A, 250V, time delay, 5x20mm. |

SAFETY

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|---------------------------|--|
| Safety Interlock: | 2-pin terminal block on rear panel; shorted for operation. (Optional) |
| Output Voltage Indicator: | Front panel meter directly connected to High Voltage. |
| Failure Indicator: | Visual; provided by red LED's, Audible; provided by buzzer. Test automatically terminated on failure. |
| Zero Voltage Start: | Voltage adjust knob must be to minimum position to allow start of test. |
| Leakage Test: | Provided, 5 mA factory set pass/fail point, user adjustable. |

OUTPUTS

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|---------|--------------------------------|
| HV: | High Voltage output connector. |
| RETURN: | Banana compatible socket. |

➤ Environmental

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|--------------------------|-----------------------|
| Operating Temperature: | 15-40°C. |
| Relative Humidity Range: | 0-90% non-condensing. |



➤ General

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|------------------|--|
| Dimensions: | 17" wide x 11" high x 17" deep. |
| Weight: | 80lbs approx. |
| Product Package: | <ul style="list-style-type: none">• HT10KVVP AC 100mA Tester.• HT10KVP AC 100mA User Manual.• H.V Test lead.• Ground Test Lead.• Power Cord.• NIST traceable calibration certificate to ANSI Z540.• Calibration Data Copy. |

➤ Options

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|---------|---|
| 00-RI: | Relay Interface/PLC Interface. Test signals through relay contacts/coils. |
| 00-XI: | External Safety Interlock. |
| 00-AR: | Auto Reset on Pass. |
| 00-VF: | Voltage Hold on Failure. |
| 00-220: | 220V mains input. |
| 00-230: | 230V mains input. |

