




HIPOT TESTERS / specialty testers

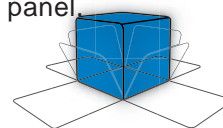
# HT-10kac-500mA FAST SAFE RELIABLE



 DIELECTRIC WITH STAND [ HIPOT ] 10000 VAC at up to 500mA continuous

## FEATURES

- ▶ AC Output to 10000 volts; delivers up to 500mA continuous duty.
- ▶ Logic controlled, one button test. LED meters indicate actual voltage and current. Upon failure, buzzer sounds and testing is terminated.
- ▶ Output voltage, leakage current limit, and test duration are controlled from the front panel.
- ▶ Timer is defeatable. Continuous operation is optional.
- ▶ Cables, manual and Cal Cert included.
- ▶ Automatic voltage rampdown circuit eliminates residual voltage.
- ▶ Many options available for safety and special testing. See list on other side.
- ▶ Leakage current cutoff can be set from 25 mA to 500 mA.
- ▶ Ergonomically designed for safety, speed and efficiency.
- ▶ Mains shutdown switch on front panel for safety.
- ▶ One year calibration cycle.
- ▶ Durable and rugged.
- ▶ Test leads included.
- ▶ Attractive and intuitive front panel.
- ▶ 1 year warranty



The blue box that tests. And tests.

# HT-10kVac-500mA



## ELECTRICAL

Input Power Requirements:	230V, 50/60Hz, single phase, 30A.
Weight and Dimensions:	24 in. wide by 29 in. high by 22 in. deep; 700 lbs. net wt (approx)
Output:	0-10kV AC into High Voltage jack/receptacle with 4 foot lead and alligator clip.
Leakage Current	500 mA maximum (continuous duty).
Pass/Fail Criteria:	
Leakage Current:	User adjustable by front panel knob 25-500 mA
Test Time:	User adjustable 1-60 sec. or defeat (desired voltage delivered while TEST button is pressed). Continuous on is optional (Option 00-RF).
Voltage Ramp Time:	Manual ramp only.
Pass/Fail Repeatability:	± 3%
Meter Accuracy:	± 3% 500 - 10000V, Current ±4% 5mA-500mA
Discharge Time:	Voltage dependent; discharge progress displayed on front panel meter.
Test Adjustments:	Voltage, leakage current trip and test dwell level adjustments. Timer defeat.



## ENVIRONMENTAL

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



## OPTIONS

Option 220 / Option 240	220 or 240V mains voltage.
Option RI:	Isolated relay I/O for operation via your PLC. Custom per your requirements; contact factory for details.
Option VF:	Voltage hold on failure; voltage meter reads last count until RESET button is pressed.
Option XI:	External interlock; two position terminal block on rear panel must be shorted for high voltage operation.
Option RF:	Continuous Operation. Switch selects between timer and always on operation.
Option ZOS:	Requires the operator to reset the voltage knob to its minimum position before the TEST button can be pressed.
Option GC:	Checks continuity from building safety ground to hipot frame. If this connection is broken, high voltage is disabled. Requires option XI. Banana jack on rear panel connects to building ground.
Option HVLR:	Closes relay and lights LED when High Voltage is present.
Option UCT:	Provides undercurrent trip level and 20 turn pots to set under and overcurrent trip levels. Undercurrent trip allows tester to detect a broken lead or improper lead attachment. Undercurrent trip level function is not available without Option UCT.
Option SV:	Safe voltage relay output. Two position terminal block on rear panel; terminals are shorted when high voltage output is 50V or lower.



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