




HIPOT TESTERS / specialty testers

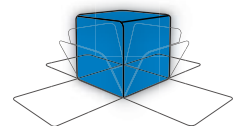
# HT-5000ac/dc-200mA FAST SAFE RELIABLE



 DIELECTRIC WITHSTAND 5000 VAC/5000 VDC at up to 200mA continuous

## FEATURES

- ▶ AC or DC Output to 5000 volts; delivers up to 200mA.
- ▶ 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.
- ▶ Separate arc detection circuitry.
- ▶ Cables, manual and Cal Cert included.
- ▶ Automatic voltage rampdown circuit eliminates residual voltage.
- ▶ Optional external interlock disables HV output and defeats test when circuit is open.
- ▶ Leakage current cutoff can be set from 10 mA to 200 mA.
- ▶ Ergonomically designed for safety, speed and efficiency.
- ▶ Mains shutdown switch on front panel for safety.
- ▶ One year calibration cycle.
- ▶ Economical, durable and compact.
- ▶ Test leads included.
- ▶ Attractive 3U enclosure.
- ▶ 1 year warranty



The blue box that tests. And tests.

Compliance West USA

[www.compwest.com](http://www.compwest.com)

Call [800] 748-6224

# HT-5000AC/DC-200mA



## ELECTRICAL

|                           |   |
|---------------------------|---|
| Input Power Requirements: | 208VAC, 3 $\phi$ , 50/60Hz, 3A/phase.   |
| Weight and Dimensions:    | 17 in. wide by 6U high by 17 in. deep; 60 lbs. net wt (approx)                                |
| Output:                   | 0-5kV AC or DC into High Voltage jack/receptacle with 4 foot lead and alligator clip.         |
| Leakage Current:          | 0-200 mA  |
| Pass/Fail Criteria:       |   |
| Leakage Current:          | User adjustable by front panel knob 10-200 mA   |
| Dielectric Breakdown:     | Separate high frequency detection circuit for breakdown spike detection, defeatable.          |
| Test Time:                | User adjustable 1-60 sec. or defeat (desired voltage delivered while TEST button is pressed). |
| Voltage Ramp Time:        | Manual ramp only.   |
| Pass/Fail Repeatability:  | $\pm 3\%$   |
| Duty Cycle:               | 100%  |
| Meter Accuracy:           | $\pm 3\%$ Full Scale  |
| 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 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 SV: | Safe voltage relay output. Two position terminal block on rear panel; terminals are shorted when high voltage output is 50V or lower. |



## SAFETY

|                                      |   |
|--------------------------------------|---|
| Transformer Output:                  | >500 VA   |
| Visual Indication Of Voltage Output: | Provided by front panel meter, directly connected to high voltage output.   |
| Failure Indication:                  | Audible, provided by internal buzzer<br>Visual, provided by red LED's on front panel<br>Test automatically terminated on failure. |



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