



Hipot Tester

HT-5000P AC/DC 200mA

PN: 00-HT5000PACDC-200mA

❖ 5KV AC/DC Dielectric Withstand Tester.



The HT-5000P ACDC 200mA tester emerges from the 5KV tester to offer more testing power.

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

*Actual products may vary depending on options and configuration.

➤ Features

- Fast accurate results.
- Microcontroller Technologies.
- One button test, easy to setup.
- Long life TEST and RESET buttons.
- LED's indicate test progress.
- Upon failure, the buzzer sounds, and testing is terminated.
- Output voltage, leakage limit, and test duration controls on front panel.
- Arc detection and test timer are defeatable.
- Designed for product development and laboratory use.
- 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

Test Type:	AC/DC.
Max. Output Voltage:	5,000Vac / 7,000Vdc.
AC Leakage Current:	5-200mA Full AC scale.
DC Leakage Current:	5-200mA; 250-5000V DC, 5-140mA; 5kV-7kV DC
Breakdown Detect:	Independent High Frequency Circuit (50KHz–500KHz).
Transformer Power:	>500VA.
Leakage Current Detect:	Independent Low Frequency Circuit.
Test Time Range:	1-60 Seconds.
Display:	4 Digits LED Display.
Voltage Meter Accuracy:	± 1.0% FSC from 500V to 5kVac / ± 1.0% FSC from 500V to 7kVdc
Leakage Accuracy:	±1.0mA full scale.
Duty Cycle:	100%; Continuous.
Pass/Fail Repeatability:	±3%

ELECTRICAL

Rated Input Voltage:	120/208V. three phase.
Frequency:	50/60Hz.
Fuse:	6A, slow-blow per phase.

SAFETY

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.

OUTPUTS

HV:	High Voltage output socket.
RETURN:	4mm Socket (XEF-1RR), 1000V, CAT IV, 24A, Black.

➤ Environmental

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

➤ General



Dimensions:	17" wide x 11" high x 17" deep.
Weight:	80lbs approx.
Product Package:	<ul style="list-style-type: none">• HT-5000P ACDC 200mA Tester.• HT-5000P ACDC 200mA User Manual.• H.V Test lead.• Ground Test Lead.• Fix Power Cord.• NIST traceable calibration certificate to ANSI Z540.• Calibration Data Copy.

➤ Options

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-ZOS:	Zero Output Start, requires ramping up manually.

Rev 4.0

