



Hipot Tester

HT-5000P AC/DC 20mA

PN: 00-HT5000P ACDC 20mA

❖ 5000V AC/DC 20mA/10mA Dielectric Withstand Tester.



The HT-5000P AC/DC 20mA/10mA tester is a 5000V ac/dc hipot tester with Voltage display for easy output monitoring.

Offers defeatable ramp, arc detection and test timer settings and are adjustable on the rear panel.

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

- AC output: up to 5kV.
- DC output: up to 6kV.
- Fast accurate results.
- Microcontroller Technologies.
- One button test, easy to set up.
- LED's indicate test progress.
- Upon failure, the buzzer sounds, and testing is terminated.
- Output voltage, Test and Reset controls on front panel.
- Voltage ramp, 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**.
- 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 / 6,000Vdc.
Leakage Current:	20mAac & 10mAdc.
Breakdown Detect:	Independent High Frequency Circuit (50KHz–500KHz).
Transformer Power:	<500VA.
Leakage Current Detect:	Independent Low Frequency Circuit.
Ramp Time Range:	1-5 Seconds.
Test Time Range:	1-60 Seconds.
Display:	4 Digits LED Display.
Voltage Meter Accuracy:	±2% from 500-5,000Vac / ±2% from 500-6,000Vdc.
Leakage Accuracy:	±0.1mA full scale.
Duty Cycle:	100%; Continuous.

ELECTRICAL

Rated Input Voltage:	120Vac. 220,230V optional
Frequency:	50/60Hz.
Fuse:	2A, 250V, time delay, 5x20mm.

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. The test is automatically terminated on failure.

OUTPUTS

HV Socket:	Independent High Voltage outputs for AC and DC.
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:	11.25" wide x 4.75" high x 13" deep.
Weight:	18lbs approx.
Product Package:	<ul style="list-style-type: none">• HT-5000P AC/DC 20mA Tester.• HT-5000P AC/DC 20mA User Manual.• H.V Test lead.• Ground Test Lead.• 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.
00-220:	220V mains input.
00-230:	230V mains input.
00-240:	240V mains input.

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