

# Hipot Tester

**HT-5000P-ACDC-200mA-TD**

FAST

SAFE

RELIABLE



## DIELECTRIC WITHSTAND

Model HT-5000P ACDC 200mA-TD is a 5000V AC and 7000V DC Hipot Tester with Color Touchscreen Control, automatic voltage control and USB Labview control ready.

## Features

- AC output: 500V to 5,000 V
- DC output: 500V to 7,000 V.
- 7" Color Touchscreen control.
- Output Voltage, Leakage Current Limit and Test Duration are controlled from the Display
- Up to 4 testing steps; 4 different tests can be configured for automatic testing.
- 3 memory settings, user configurable.
- Arc detection and test timer are defeatable.
- Upon failure, buzzer sounds, and testing is terminated.
- Separate arc detection circuitry.
- Shutdown switch on front panel for safety.
- Casters for ease movility.
- USB Labview Control Ready
- Results display after test completion, Max Voltage, Max Leakage, Pass/Fail.
- Safety Interlock; two position terminal block on rear panel must be shorted for high voltage operation.
- Ergonomically designed for safety, speed, and efficiency.
- Designed for product development and laboratory use.
- Cables, manual and calibration certificate included.
- One year calibration cycle.
- One year warranty.

[www.technical-sys.com](http://www.technical-sys.com) (866) 327-8731

 **COMPLIANCE WEST USA**  
The blue box that tests. And tests.

# HT-5000P-ACDC-200mA-TD



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## Specifications

Voltage Test Type:	AC & DC
Output	
Voltage:	500-5000VAC & 500-7000VDC
Leakage Current:	AC & DC: 10-200mA from 500-5000V DC: Above 5000V 10-140mA
Input Voltage:	120V/208V three phase
Frequency:	50/60 Hz
Fuse:	6A Slow Blow per phase
Breakdown Detect:	Independent High Frequency Circuit
Transformer Power:	> 500 VA
Leakage Current Detect:	Independent Low Frequency Circuit
Test Time Range:	1-90 Seconds per step, 2min max. when multiple steps
Display:	7" Color Touchscreen
Voltage Accuracy	
Display vs Output:	AC: $\pm 1.0\%$ FSC from 500V to 5000V DC: $\pm 1.0\%$ FSC from 500V to 7000V
Setting vs Display:	AC & DC: $\pm 2.0\%$ 500-1000V and $\pm 1.0\%$ above 1000V
Current Accuracy	
Display vs Output:	AC: $\pm 1\text{mA}$ FSC from 10 to 200mA DC: $\pm 1\text{mA}$ FSC from 10 to 200mA
Leakage Detection:	AC: $\pm 1\text{mA}$ FSC from 10 to 200mA DC: $\pm 3\text{mA}$ below 20mA and $\pm 1\text{mA}$ from 20 to 200mA
Duty Cycle:	100 %
Operation Temperature:	15 - 40 °C
Relative Humidity Range:	0 - 90% Non-Condensing



## General

Dimensions:	22" Wide x 26" Deep x 27" High
Weight:	80lbs aprox.
Product Package:	HT-5000P ac/dc 200mA HT-5000P ac/dc 200mA Product Manual 18 AWG Test Lead (Black) 18 AWG High Voltage Test Lead (Red) NIST Traceable Calibration Certificate to MIL-STD45662-A



## Safety

High Voltage Indicator:	Display Red Background indicates High Voltage Output.
Failure Indicator:	Provided by Front Panel Display and buzzer. Test automatically terminated on failure.

