

# H306 AC/DC Hipot

Insulation Tester and Megohmmeter

■ **The H306 AC/DC Hipot and Megohmmeter** is an accurate bench type instrument designed to perform insulation tests on all types of electrical system components, assemblies and apparatus. It is designed for ac dielectric tests, dc dielectric tests and insulation resistance measurements with direct megohmmeter readings at 500V dc output.

The AC/DC output configuration eliminates the need for purchasing separate AC and DC hipots. Output connected voltmeter ensures accurate voltage measurements regardless of output loading. They are capable of testing to most industry specifications such as UL, CSA, VDE, IEC, and MIL for dielectric withstand testing.



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## Features

- ☑ **Continuously adjustable test voltage** from zero to rated voltage
- ☑ **Shielded output cable**
- ☑ **Adjustable Overload** from 10 to 110% of rated current output
- ☑ **Audible/Visual alarms** provide a clear indication of overload situation
- ☑ **Zero start interlock** ensures that the voltage control is at zero before HV can be energized
- ☑ **Shorting solenoid** grounds output cable and object under test
- ☑ **Guard Circuit** bypass unwanted stray leakage currents

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## Benefits

**Three Tests in One Unit** – eliminates need for purchasing separate AC, DC Hipot and megohmmeter

**Operator Safety** – the power supply and test object are automatically grounded when high voltage is turned off

**Meets Industry Specifications** – tests to most UL, CSA, VDE, IEC, MIL for dielectric withstand testing

**Rack Mountable** – easy installation into a 19" rack

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## Applications

- Capacitors
- Transformers
- Wire and Cable
- Coils and Chokes
- Connectors
- Medical Devices
- Appliances

## Technical Specifications

General		H306				
Input Voltage	120V, 60Hz –A version 230V, 50Hz –B version					
Output Voltage	0-5kV AC and 0-6kV dc					
DC Output Voltage	Negative output, positive ground					
Metering	4.5" analog meters, ±2% full scale accuracy					
Voltmeter	0-1.2/6 kV					
Current Meter	0-50/500/5000µA DC and 0-5mA AC					
Overload	Adjustable from 0.5 to 5.5mA					
Megohm Ranges @ 500V DC	X0.1 Multiplier 0.1 to 10 MΩ	X1 Multiplier 1 to 100 MΩ	X10 Multiplier 10 to 1000 MΩ	X1000 Multiplier 100 to 10,000 MΩ	X10,000 Multiplier 1000 to 100,000MΩ	
Dimensions	21"W x 20"D x 11"H (53cm x 51cm x 28cm)					
Weight	Net 49lbs (22kg)		Ship 59lbs (27kg)			

## Scope of Supply

- Qty. 1 H306 AC/DC Hipot/Megohmmeter
- Qty. 1 Input Line Cord, grounded type 6 feet (1.8 m)
- Qty. 1 Ground Lead, 6 feet (1.8 m)
- Qty. 1 High Voltage Output cable, shielded with alligator clip and rubber insulated boot, 6 feet (1.8 m)
- Qty. 1 Calibration Certificate
- Qty. 1 User's Manual

## Accessories

Spare Parts Kit **SPK1-H306**

Hipot Test Lead Set **HTL-S**

## Ordering Information

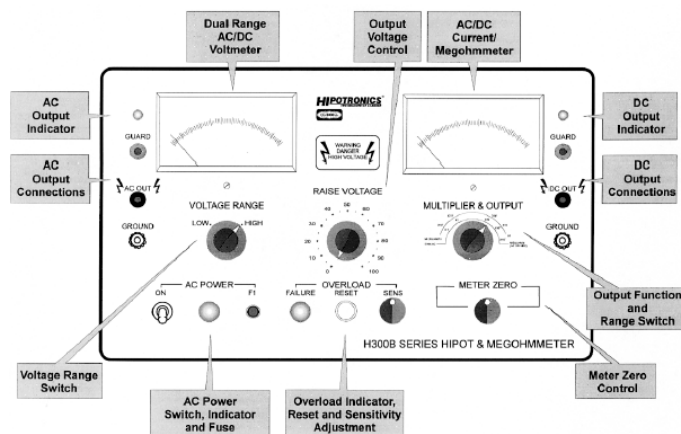
### System

0-5kV ac/0-6kV dc **H306-A or H306-B**

### Additional Accessories

- HTP-F, Maximum 25kV Fixed Test Probe
- TC-25, Maximum 25kV Test Cage

## Control Panel



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