

## H306 Series

### AC/DC Benchtop Hipot Testers & Megohmmeter

■ The H306 Series of AC/DC Hipots and Megohmmeters is an accurate benchtop instrument designed to perform insulation tests on all types of electrical system components, assemblies and apparatus. This product was developed AC and DC dielectric tests and insulation resistance measurements with direct megohmmeter readings at 500V DC output.

The AC/DC output configuration eliminates the need to purchase separate AC and DC Hipots, while the output connected voltmeter ensures accurate voltage measurements regardless of output loading. This series is capable of testing to most industry specifications such as UL, CSA, VDE, IEC, and MIL for dielectric withstand testing.



#### FEATURES

- ☑ **Continuously adjustable test 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 voltage is at zero before high voltage can be energized
- ☑ **Shorting solenoid** grounds output cable and object under test
- ☑ **Guard Circuit** bypasses unwanted stray leakage currents
- ☑ **Adjustable electronic meter** for accuracy

#### BENEFITS

**Triple testing capabilities** eliminate the need to purchasing separate an AC Hipot, DC Hipot and Megohmmeter.

**Automatic grounding** of power supply and test object when high voltage is turned OFF.

**Meets industry specifications** for most UL, CSA, VDE, IEC, MIL dielectric withstand tests.

**Easily mountable** into a 19 inch rack.

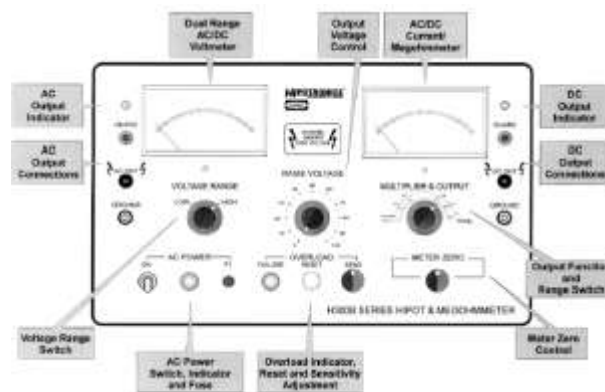
#### APPLICATIONS

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

## TECHNICAL SPECIFICATIONS

|                            |            |                                                                                     |                                  |                                     |                                         |
|----------------------------|------------|-------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|-----------------------------------------|
| Model Number               |            | H306B-*                                                                             |                                  |                                     |                                         |
| System Output (V)          | AC Voltage | 0-5kV                                                                               |                                  |                                     |                                         |
|                            | DC Voltage | 0-6kV                                                                               |                                  |                                     |                                         |
| Polarity                   |            | Negative Output, Positive Ground                                                    |                                  |                                     |                                         |
| Metering: Type, Accuracy   |            | 4.5" analog meters, $\pm 2\%$ full scale accuracy                                   |                                  |                                     |                                         |
| Voltage Meter              |            | 0-1.2/6 kV                                                                          |                                  |                                     |                                         |
| Current Meter              |            | 0-50/500/5000 $\mu$ A DC, 0-5mA AC                                                  |                                  |                                     |                                         |
| Overload Current           |            | Adjustable from 0.5mA-5.5mA                                                         |                                  |                                     |                                         |
| M $\Omega$ Range @ 500V DC |            | X0.1 Multiplier<br>0.1-10M $\Omega$                                                 | X1 Multiplier<br>1-100M $\Omega$ | X10 Multiplier<br>10-1000M $\Omega$ | X100 Multiplier<br>100-10,000M $\Omega$ |
| Dimensions (W x D x H)     |            | 21 x 20 x 11 in (53 x 51 x 28cm)                                                    |                                  |                                     |                                         |
| Weight                     | Net        | 49lbs (22kg)                                                                        |                                  |                                     |                                         |
|                            | Shipping   | 59lbs (27kg)                                                                        |                                  |                                     |                                         |
| Input Voltage & Frequency  |            | * In the model number, designate 'A' for 120V/60Hz input or 'B' for 230V/50Hz input |                                  |                                     |                                         |

## SYSTEM CONTROLS



## OPTIONAL EQUIPMENT & ACCESSORIES

| Part Number | Description                        |
|-------------|------------------------------------|
| HHDA13-280  | Grounding Stick, 120kV Max Voltage |
| HTP-F       | Fixed Test Probe, 25kV Max Voltage |
| TC-25       | Test Cage, 25kV Max Voltage        |
| SPK1-H306B  | Spare Parts Kit for H306           |
| HTL-S       | Extra Test Lead for H306           |
| EXT-WARN-1  | One year extended warranty         |



HHDA13-280 Grounding Stick  
(pictured above)