HIPOTRONICS

HD100 Series

AC/DC Benchtop Hipot Testers

■ The **HD100 Series of AC/DC Hipots** are accurate, durable instruments designed for production testing on all types of electrical units, systems and components. This product is simple to operate and designed for use with minimal training.

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

BENEFITS

Dual functionality eliminates the need to purchase separate AC and DC Hipots.

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

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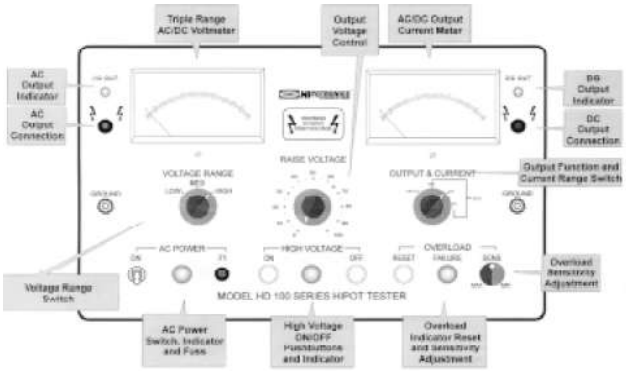
Hipotronics has a policy of continuous product improvement. We therefore reserve the right to change design and specification without notice.

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TECHNICAL SPECIFICATIONS

Model Number		HD103-*	HD106-*	HD115-*	HD125-*	HD140-*
System Output (V)	AC Voltage	0-2.5kV	0-5kV	0-12.5kV	0-10kV	0-15.5kV
	DC Voltage	0-3kV	0-6kV	0-15kV	0-25kV	0-40kV
Polarity		Negative Output, Positive Ground				
Metering: Type, Accuracy		4.5" analog meters, ±2% full scale accuracy				
Voltage Meter		0-0.6/1.2/3kV	0-1.2/3/6kV	0-3.75/7.5/15kV	0-5/10/25kV	0-8/16/40kV
Current Meter		0-50/500/5000µA DC, 0-5mA AC				
Dimensions (W x D x H)		21 x 20 x 11 in (53 x 51 x 28cm)				
Weight	Net	46lbs (21kg)	51lbs (23kg)	75lbs (34kg)		82lbs (37kg)
	Shipping	59lbs (27kg)	64lbs (29kg)	85lbs (39kg)		92lbs (47kg)
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-HD100	Spare Parts Kit for HD103, HD106, HD115 & HD125
SPK1-HD140	Spare Parts Kit for HD140
HTL-S	Extra Test Lead for HD103, HD106, HD115 & HD125
HTL-140	Extra Test Lead for HD140
EXT-WARN-1	One year extended warranty



HHDA13-280 Grounding Stick (pictured above)

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