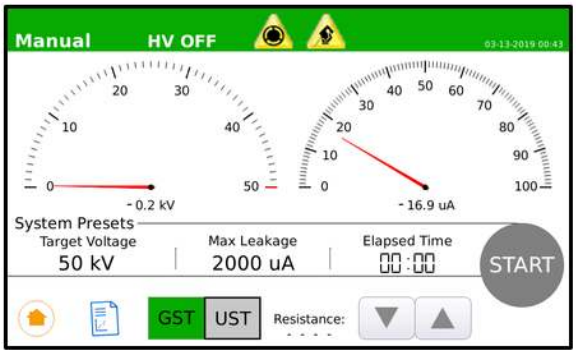
HIPOTRONICS

800PL-HD SERIES

Digital DC Hipot Testers – 80kV & 40kV

The 800PL-HD Series Hipot is a modern solution for testing the insulation strength of electrical apparatus. Outfitted with a state-of-the-art digital interface, and extensive safety features, this robust unit ensures simplistic operation, accurate results, and operator safety under all circumstances. The 800PL-HD's heavy-duty design is the perfect solution for tests that require long duty cycle.

The 800PL-HD Series features the most accurate kilovoltmeter readings regardless of load current. Voltage measurements are taken directly at the output of the high voltage transformer, while current is measured at the return leg to ensure the highest accuracy.





FEATURES

- ☑ **Tests up to 40kV or 80kV** at load current of 10mA
- ☑ **Portable, rugged design** for field use with wheels
- ☑ **Multiple measurements** including output voltage, leakage current, insulation resistance (IR), and polarization index (PI)
- ☑ **Adjustable test parameters** such as target voltage, maximum leakage current, ramp rate, and dwell time
- ☑ **Record and view test results** in the internal memory
- ☑ **7" color touchscreen display** with adjustable brightness
- ☑ **Internal discharge solenoid**
- ☑ **HIPODirect Mobile App Compatible: View**, **Share**, **Upload** test reports to online cloud, and update firmware all through WIFI Direct

BENEFITS

- ☑ **Simple to Use** with minimal amount of setup time and intuitive control panel allows for simple testing
- ☑ **Sturdy and portable** design
- ☑ **User-friendly** touchscreen interface
- ☑ **Easy to share results** via USB transfer
- ☑ **Safe operation** with interlock and emergency stop

APPLICATIONS

Brief Description

- ☑ Motors
- ☑ Generators
- ☑ Bucket Trucks
- ☑ Transformers
- ☑ Power Cables
- ☑ Electrical Switchgears
- ☑ Vacuum Interrupters
- ☑ Aerial Lift Equipment
- ☑ Insulated Electric Apparatus & Components

CE

TECHNICAL SPECIFICATIONS

Model #		840PL-HD	880PL-HD
System Output	Voltage	0.4 – 40kV	0.4 – 80kV
	Current	10mA	
	Polarity	Negative Output, Positive Ground	
Voltage & Current Measurement Accuracy		± 1.5% of Reading ± 0.2% F.S.	
Voltage Resolution		100V	
Current Resolution		0.1μA	
Insulation Resistance Measurement Range		10kΩ – 40GΩ	
IR Accuracy		±1% of scale	
IR Resolution		10kΩ	
Input		90-264VAC, 45-65Hz, 900VA	
Duty Cycle		1 hour ON / 1 hour OFF	
Dimensions (W x D x H)	Net	20in x 14in x20in (50cm x 35cm x 51 cm)	
	Shipping	24in x 19in x 23in (61cm x 48cm x 58cm)	
Weight	Net	78lbs (36kg)	
	Shipping	91lbs (42kg)	
Safety Features		Emergency Stop Visual Warning Indicators External Interlock Audible Warning Indicator Interlock Hand-switch (optional) External Warning Lamp (optional) Interlock Foot Pedal (optional)	
Display		7” TFT , 800 x 480, Color Touch Screen	
Interfaces		USB 2.0 for Memory Stick	
Output Data Format		CSV	
Calibration Interval		1 year recommended	
ECCN: 3A992.A		**HTS:** 9030.39.0100	

	Electronic Components		High Voltage Components	
	Temperature	Humidity (r.h. non-condensing)	Temperature	Humidity (r.h. non-condensing)
Operation	-10°C … +50°C	5 … 95%	-10°C … +50°C	5 … 90%
Storage	-20°C … +70°C	5 … 95%	-20°C … +55°C	5 … 90%

SCOPE OF SUPPLY

25ft HV output cable with clamp

25ft HV return cable with clamp

15ft HV ground with clamp

6ft input power cord

Manual and calibration certificate

STANDARD OPTIONS

HHDA13-280 – 120kV rated grounding stick

HH-HS-DI – Hand operated interlock switch

HH-FS-DI – Foot operated interlock switch

HH-WARN-DI – Safety Strobe light with magnetic base

EXT-WARN-1 – One-year extended warranty

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