



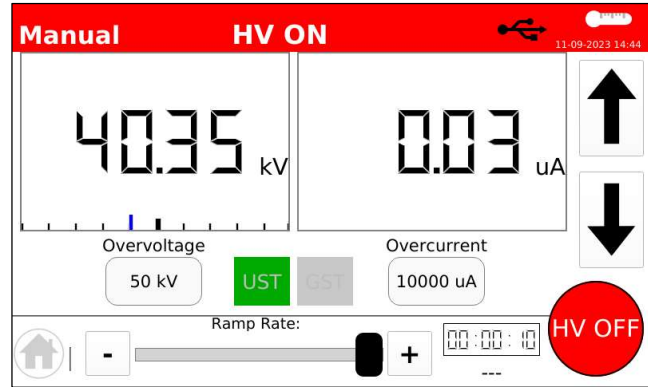
HIPOTRONICS

60HVTX-DI

60kV Single Piece Portable Digital AC Hipot Tester

solution to AC field-testing of vacuum interrupters, breakers, switchgear, reclosers, aerial lift devices and other electrical apparatus. The single piece design with an oil-insulated transformer is complete with a shielded output cable, current measurement cable, input power cable and ground lead.

The 60HVTX-DI assures accurate voltage and current measurements. A guard circuit prevents stray or surface leakage from being measured by the current meter. To ensure safe operation the unit is equipped with a fast-acting fuse, an external interlock, and E-Stop.



- ☑ **Rugged, single piece design with shielded HV output cable** ideal for field use
- ☑ **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
- ☑ **Most accurate current measurement** and guard circuit designed to eliminate stray leakage currents
- ☑ **HIPODirect Mobile App Compatible: View, Share, Upload** test reports to online cloud, and update firmware all through WIFI Direct

- ☑ **Simple to Use** with minimal amount of setup time and intuitive control panel allows for simple testing
- ☑ **Sturdy and portable** design that is easy to bring on even the toughest job sites.
- ☑ **User-friendly** touchscreen interface
- ☑ **Easy to share results** via USB transfer
- ☑ **Safe operation** with interlock and emergency stop



Switchgear / Reclosers / Breakers up to 38kV rating

Bucket Trucks / Aerial Lifts – Periodic and Qualification Testing

Instrument Transformer Field Testing

Personal Protective Equipment (PPE)

TECHNICAL SPECIFICATIONS

Model Number		60HVTX-DI	
System Output	Voltage	0.4 – 60kV	
	Frequency	50/60Hz	
	Current	30mA	
Current Ranges (auto)		0 - 100µA / 0.1 – 30mA	
Voltage & Current Measurement Accuracy		± 1.5% of Reading ± 0.2% F.S.	
Voltage Resolution		100V	
Current Resolution		0.1µA	
Phase Angle		± 10°	
Input		90 – 265VAC, 50/60Hz	
Duty Cycle	0 – 1.5 kVA	1 hr / 1 hr	ON / OFF
	1.6 – 2 kVA	45 min / 1 hr	ON / OFF
	2.1 – 2.5 kVA	30 min / 1 hr	ON / OFF
	2.6 – 3 kVA	15 min / 1 hr	ON / OFF
Dimensions (W x D x H)	22.2" x 22.5" x 20.4" (56.4 cm x 57.2 cm x 51.9 cm)		
Weight	125 lbs. (57kg)		
Safety Features	Emergency Stop	Hand Operated Interlock Switch (optional)	
	Visual Warning Indicators	External Warning Lamp (optional)	
	External Interlock	Foot Operated Interlock Switch (optional)	
	Audible Warning Indicator		
Display	7" TFT LCD, 1024x600, Color Capacitive Touchscreen		
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 ... 95%
Storage	-20°C ... +70°C	5 ... 95%	-20°C ... +70°C	5 ... 95%

SCOPE OF SUPPLY

Base Unit
 20ft HV output cable with clamp
 20ft HV return cable with clamp
 15ft HV ground cable
 6 ft input power cord
 Interlock plug
 Print Copy of Manual
 Calibration certificate

STANDARD OPTIONS

HH-HVTX-CART-DI – Hand cart
HH-HS-DI – Hand operated interlock switch
HH-FS-DI – Foot operated interlock switch
HH-WARN-DI – Safety Strobe light with magnetic base
HHDA13-280 – 120kV rated grounding stick
EXT-WARN-1 – One-year extended warranty

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