



Advanced Test Equipment Corp.

Rentals • Sales • Calibration • Service

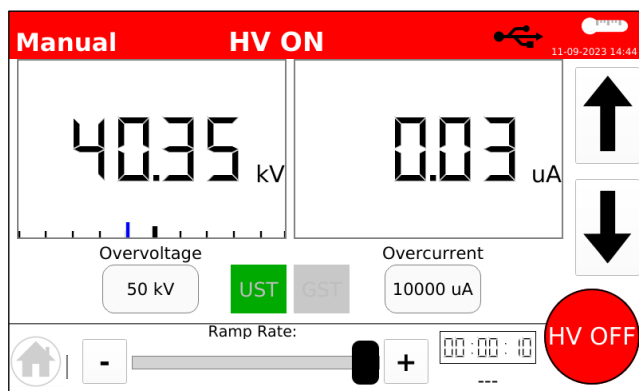
HIPOTRONICS

60HVTX-DI

60kV Single-Piece Portable Digital AC Hipot Tester

The 60HVTX-DI AC Hipot Tester is the most modern digital solution to AC field-testing of vacuum interrupters, breakers, switchgear, reclosers, aerial lift devices and other electrical apparatus. The single piece design with an air insulated transformer is complete with 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.



FEATURES

- ✓ **Lightweight, rugged, single piece design with shielded HV output cable** ideal for field use with wheels
- ✓ **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

BENEFITS

- ✓ **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

APPLICATIONS

Switchgear / Reclosers / Breakers up 38kV rating

Bucket Trucks / Aerial Lifts rated for 46kV and below

Instrument Transformer Field Testing

TECHNICAL SPECIFICATIONS

Model Number		60HVTX-DI
System Output	Voltage	0.4 – 60kV
	Frequency	50/60Hz
	Current	30mA
Current Ranges (auto)		0 - 100 μ A / 0.1 – 30mA
Voltage & Current Measurement Accuracy		$\pm 1.5\%$ of Reading $\pm 0.2\%$ F.S.
Voltage Resolution		100V
Current Resolution		0.1 μ A
Phase Angle		$\pm 10^\circ$
Input		90 – 265VAC, 50/60Hz
Duty Cycle		5min ON / 5min OFF, repeated maximum of 6 times, then OFF for 2hrs
Dimensions (W x D x H)		24 in x 20 in x 26 in (61 cm x 51 cm x 66 cm)
Weight		97 lbs. (44kg)
Safety Features		Emergency Stop
		Visual Warning Indicators
		External Interlock
		Audible Warning Indicator
		Hand Operated Interlock Switch (optional)
		External Warning Lamp (optional)
		Foot Operated Interlock Switch (optional)
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

6ft input power cord

Interlock plug

Print Copy of Manual

Calibration certificate

STANDARD OPTIONS

HH-HVTX-SC – HVTX Shipping Container

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

DOWNLOAD HIPODIRECT MOBILE APP:

