



HIPOTRONICS[®]
THE MEASURE OF A LEADER

30/60 HVT Series AC Hipot Testers

FEATURES

- Continuously adjustable output from zero to full voltage
- Compact design
- Single end grounded high voltage test transformer
- Separate guard and return
- Triple range current meter
- Internal high voltage divider
- Triple range voltmeter
- Hand cart mounted
- Fast acting overload circuit breaker
- Zero start interlock
- External interlock provision

BENEFITS

- Test to ANSI specifications
- Low leakage current measurements
- Guard circuit eliminates stray leakage currents
- Safe and easy operation
- Portable for use in the field

APPLICATIONS

Ideal for any high voltage AC insulation test requirement:

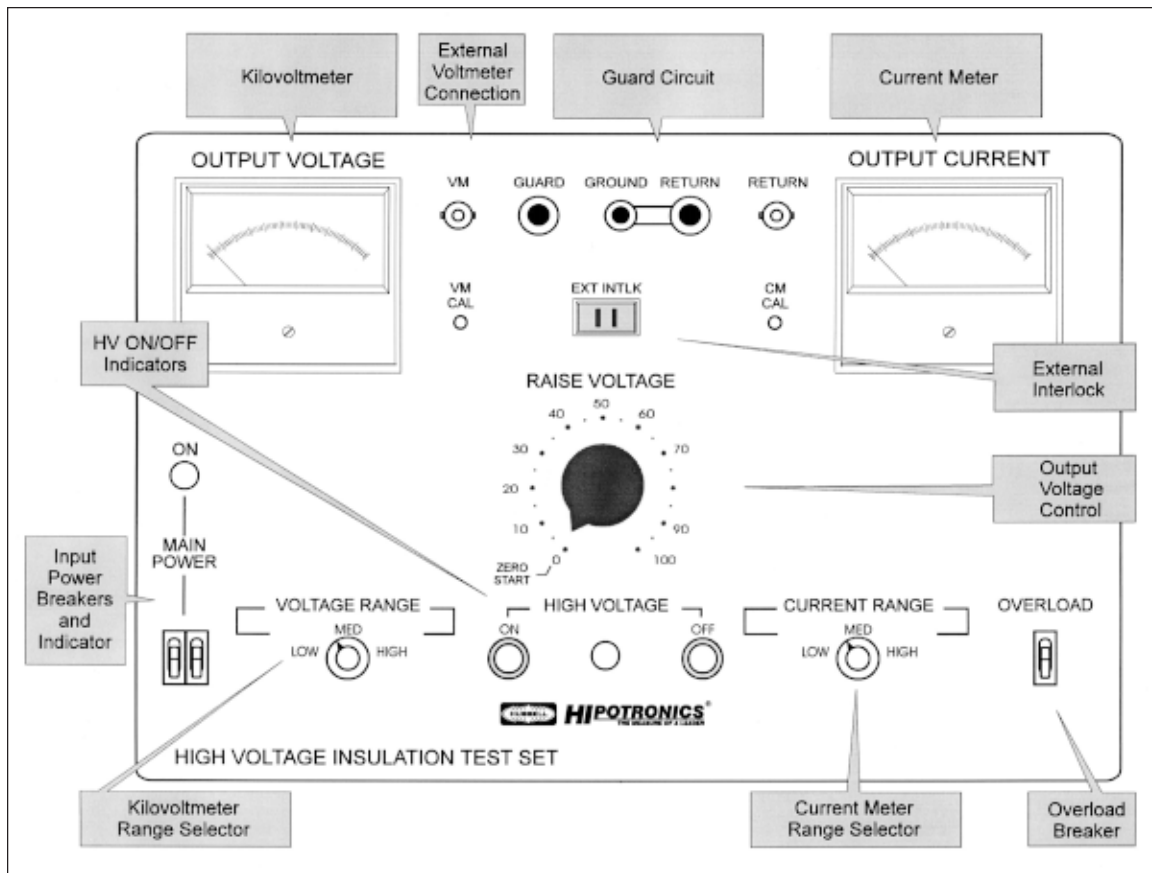
- Vacuum bottles
- Vacuum interrupters
- Switchgear
- Hot sticks
- Blankets
- Ropes
- Gloves
- Hydraulic hose



*Model 30HVT
Hipot Tester*

DESCRIPTION

The 30 HVT and 60 HVT series test sets are specifically designed to perform quick and accurate AC dielectric tests. These portable AC testers are ideal for testing vacuum interrupters, breakers, switchgear, and other apparatus. The HVT series assures accurate voltage measurements using an internal high voltage divider, rather than less accurate primary metering. The HVT series also features a triple range current meter in the return leg of the high voltage transformer for accurate current measurements. A guard circuit prevents stray or surface leakage from being measured by the current meter. The equipment is mounted on a handcart for portable use. To ensure safe operation the unit is equipped with a fast acting circuit breaker, zero start interlock and provisions for an external interlock.



30/60HVT Series
Front Panel Layout

SPECIFICATIONS

INPUT VOLTAGE	Model number suffix - A 120V, 60 Hz Model number suffix - B 220V, 50 Hz (Only available for 30HVT)	
MODEL	30HVT	60HVT
OUTPUT	0 to 30 kV AC	0 to 60 kV AC
CURRENT	0 to 10 mA	
CURRENT METER	0 to 250/1000 uA/10 mA	
METER ACCURACY	± 2% of Full Range	
VOLTMETER	6/12/30 kV	12/30/60 kV
DIMENSIONS	17.4"W x 14.5"D x 31.9"H (441 x 368 x 810 mm)	
NET WEIGHT		
HV SECTION	53 lb (24 kg)	68 lb (31 kg)
CONTROLS	29 lb (13 kg)	29 lb (13 kg)
SHIP WEIGHT	175 lb (80 kg)	196 lb (89 kg)

ACCESSORIES

- SPARE PARTS KITS — Catalog Nos. SPK1-30HVT and SPK1-60HVT

For further information, contact:

Hipotronics, Inc.

A Subsidiary of Hubbell, Incorporated
 Route 22, P. O. Box 414
 Brewster, NY 10509, U.S.A.
1-800-727-4476
 Tel: 845-279-8091
 Fax: 845-279-2467

NOTE: Because Hipotronics has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.