



ADWEL INTERNATIONAL LTD.

AC Vacuum - Interrupter Dielectric Test Set Model HVA-40/10

- 0 - 40 kV AC, Hot to ground
- Safe operation
- ANSI / IEEE C37.60 and C37.61
- Self storing - Fiberglass case



Description

The Model HVA-40/10 has been designed specifically for testing vacuum interrupters in accordance with ANSI / IEEE C37.60 for production testing and C37.61 for maintenance testing. The test set provides AC voltage as required by these standards, up to 40 kV, with respect to ground, at test currents up to 10 mA.

The test voltage is smoothly adjustable over the full range and is accurately monitored at the output of the high voltage transformer. A milliammeter indicates the leakage current.

A large HV-ON lamp and a complete set of status indicators give the operator full control of the test set and the item under test.

A high speed solid state cut-out disconnects the voltage on breakdown or flash-over and actuates the red "failure" indicator. The HVA-40/10 is equipped with a "dead-man" safety switch requiring two hand operation of the instrument. A "zero-start" interlock prevents the application of high test voltage on start-up. The test can also be used for many applications where AC dielectric testing is required such as: Switchgear, insulators, wire & cable, oil, rubber-gloves and many more.

AC Vacuum - Interrupter Dielectric Test Set

Model HVA-40/10

Features

- Compact design
- Zero-start interlock
- "Dead-man" switch for safety
- 40 kV with respect to ground
- Manual voltage control
- Tests to ANSI C37.60 and ANSI C37.61
- Voltage measured at output of test set
- High speed fault detector and cut-out
- Continuously adjustable output voltage
- Lightweight and rugged fiberglass case
- AC testing as required standards and manufactures

Specifications

Power Input	120V 60 Hz (230V 50Hz available)	
Output voltage	0 - 40 kV AC	
Output current	0 - 10 mA	
Voltmeter	0 - 40 kV	
Milliammeter	0 - 10 mA	
Meter accuracy	± 2% / FS	
Housing	Sturdy self-storing fiberglass case with lid and carrying handles	
Dimensions	38 x 38 x 30 cm (15 x 15 x 12") including lid	
Weight	20 kg (45 lbs.)	
Environmental	Operating temperature	-10°C to +50°C
	Storage temperature	-40°C to +60°C
	Relative humidity	0-80% FH (non-condensing)

specifications subject to change without notice

Optional Accessories

- Custom Lead Lengths

Represented by:

HVA-40/10 Kit Contents

- Test Leads -
 - 3m (10ft.) HV Lead
 - 5m (15ft.) Ground Lead
 - Line Cord
 - Interconnecting cable 3m (10ft.)
- Vinyl Zippered Lead Pouch
- Operator's Manual



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