



A Series DC Hipots

Aerial Lift Testing

PHV

Benefits:

- ⊠ Dielectric testing to ANSI A92.2 standard
- ⊠ Only testers that allow use of the simplified setup eliminating the requirement for an insulated platform under the truck
- ⊠ Lightest weight testers available
- ⊠ Improved sensitivity of test over AC testers

Description:

The VON Corporation manufactures a complete line of Aerial Lift Test Sets. The model A-1 is our newest unit for distribution class trucks (Category C, D, E and Category A&B to 69kV). The A-1 is the lightest weight unit ever offered to test trucks to 100kV. Its 100kV output allows for testing of all Category C trucks and the largest bucket liners. The use of DC allows testing of even the largest bucket liners without purchasing extra-large and heavy AC testers. All VON testers are rated for continuous duty at full power, allowing continuous operation without concern for damaging the tester, unlike many competitive units.

Standard Units for Aerial Lift Testing Specifications	A-1
Output Voltage	0-100kV DC, negative polarity
Output Current	1mA to 100kV continuous duty
Ripple	Less than 1% in normal use.
Input Voltage	80V to 264V, 50-500 hertz, 4 amps for continuous current rating.
Kilovolt Meter	0-100kV, +2% of full scale accuracy
Output Current Metering	A magnetically and electrostatically shielded and guarded digital output meter assembly in the HIGH VOLTAGE LEAD with 0-1.99 mA range. Current metering also available in the ground return path
Output Termination	Units include internal protective output resistor.
Sectionalized Discharge Stick	Overall length of 39" (99cm) consisting of two insulating sections, one 7.5 megohm resistive section, one hook, one insulating shield, and one ground connecting strap. Unit collapses to store inside control box.
Dimensions	A-1
High Voltage Section	27" (68.58cm) x 10.7" (27.178) x 7.5" (19.05cm), 12.4 lb. (5.624545kg)
Control Box	8.75" (22.225cm) x 4.6" (11.684) x 2" (5.08cm), 1 lb. (0.453592kg)

Specifications Subject to Change Without Notice



A-1 FULL KIT WITH CASE