



C 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 C-1 is the most popular unit for distribution class trucks (Category C and Category A&B to 69kV). 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 testers required of 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.

**FOR FURTHER INFORMATION
PLEASE CONTACT:**

THE VON CORPORATION: PO Box 110096, 1038 Lomb Ave SW, Birmingham, AL 35211 USA
Tel. +1 (205) 788-2437 | Fax. +1 (205) 780-4015 | Email. voncorp@voncorp.com | Web. voncorp.com

Standard Units for Aerial Lift Testing Specifications	C-1	C-1.5+
Output Voltage	0-100kV DC, negative polarity	0-170kV DC, negative polarity
Output Current	5mA to 100kV continuous duty	3mA to 170kV continuous duty
Ripple	Less than 1% in normal use.	
Input Voltage	110V to 150V, 50-500 hertz, 4 amps for continuous current rating.	
Kilovolt Meter	Dual-range 0-30kV, 0-100kV, +2% of full scale accuracy	Dual-range 0-60kV, 0-170kV, +2% of full scale accuracy
Output Current Metering	A magnetically and electrostatically shielded and guarded output meter assembly in the HIGH VOLTAGE LEAD with 0-100 μ A and 0-1 mA ranges. Current metering also available in the ground return path (CG series or for metering in both output and return paths choose option D)	
Output Termination	Units terminated with 1 megohm 100kV protective output resistor and corona suppression balls.	
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.	Overall length of 65" (165cm) consisting of three insulating sections, two 7.5 megohm resistive section, one hook, one insulating shield, and one ground connecting strap. Unit collapses to store inside control box.

Dimensions	C-1	C-1.5+
High Voltage Section	25.5" (64.8cm) x 21.25" (54.0cm) x 10.5" (26.7cm), 54 lbs. (24.5kg)	39.5"(100.3cm) x 21.25" (54.0cm) x 10.5" (26.7cm), 75 lbs. (34kg)
Control Box	16.25" (41.3cm) x 13.5" (34.3cm) x 8" (20.3cm), 27.3 lbs. (12.4kg)	
Resistor	19" (48.3cm) long, 2.5" (6.4cm) diameter, 2.75 lbs. (1.3kg)	

Specifications Subject to Change Without Notice

Higher voltages are available for Category A&B trucks 230kV and higher.

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