



HVI - The World's Source for High Voltage Test Equipment

Advanced test equipment for high voltage proof and preventive maintenance testing of electrical apparatus hvinc.com

AERIAL LIFT TESTING using AC HIGH VOLTAGE

ALT SERIES: PRODUCT ADVANTAGES

HVI produces many of the top high voltage test sets for performing AC and DC dielectric testing of aerial lifts, including the booms, liners, hydraulic oil, and linemen tools. Following is a discussion of the advantages of the ALT Series of AC high voltage test sets. For other, **higher power AC testers, DC Hipot/Megohmmeters testers, and Oil Dielectric testers, refer to www.hvinc.com or contact HVI.**

Three models of the ALT Series are offered for high voltage dielectric testing of aerial lift booms, liners, and other insulating materials. Here are the advantages and the reasons to buy HVI. The model specs are different, but the advantages remain.

ALT-120/60: 0 – 60 kVac & 0 – 120 kVac, both rated for 7 kVA

HVI model ALT-120/60 is the most powerful and full-featured, standard model AC aerial lift tester on the market, with hundreds shipped worldwide every year. This model is also used for other higher voltage AC testing applications like insulators, bushings, motors/generators, switchgear, rubber products, etc.

Other AC bucket truck testers offer similar outputs but are either too low in voltage, current & power ratings, have duty cycles too short, and other deficiencies to compete, some needing two models to cover all tests. The HVI models can do it all.

- Higher power ratings:** 7 kVA is higher than most others, able to test double liners with option
- Longer duty rating:** 7 kVA for 1 hour on/2 hours off, and 4 kVA continuous
- Output Voltages:**..... 0 – 60 kVac @ 117 mAac and 0 – 120 kVac @ 70 mAac outputs, both 7 kVA
- Internal voltmeter divider:** The voltage meter divider is internal to the HV tank, not an external wand
- Low Current Scaling:** A 250 µA current meter scale and 1 mA scale with multipliers up to 100x
- Internal inductive comp:** Used to reduce the input power needed to achieve full output power
- Sec. cap. current cancel:** Permits reading of only resistive currents. (optional)
- Guard/Ground Circuit:** Choose either a Grounded or Guarded current return
- Better meters:** Ruggedized transit-protected glass front panel meters that eliminate static
- Physical:**..... Rugged and reliable, yet no heavier or larger; removable interconnect cable; well-designed hand-truck carrier; more attractive controls and packaging



It's an HVI! – HVI offers the best before and after sales support, the top service, repair, calibration services, and the most responsive customer-first attitude anywhere.



ALT-210/50

0 – 50 kVac & 0 – 210 kVac
7 kVA Capacitive Load
7 kVA 1 hr. ON / 2 hr. OFF
4 kVA Continuous



ALT-300

0 – 300 kVac
7 kVA Resistive Load
7 kVA 1 hr. ON / 2 hr. OFF
5 kVA Continuous



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All HVI Products are
MADE IN THE USA

