



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

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

Application: Ultra-High Voltage DC Test Sets PTS Series 300 kVdc & 600 kVdc

Application Description

When necessary to high voltage test transformers, generators, and other high voltage apparatus, often DC voltage is desired to perform a withstand or leakage current test to evaluate the quality of the materials and construction. AC testing may not be preferred due to its possible destructive nature should a defect be unable to maintain the test voltage. DC is a "softer" approach that reveals data about the test object with less risk of damage during the test. HVI produces many DC hipots, some with built-in Megohmmeters, from 15 kVdc to 600 kVdc.

HVI Product Solutions

The **UHV DC Test Sets** from HVI are available in two models: **0 – 300 kVdc** and **0 – 600 kVdc**. They are an extension of our standard **PTS Series** portable line of DC testers rated from 20 kVdc – 200 kVdc. The **PTS Series** of field-portable DC Hipot/Megohmmeter combination instruments offer two test sets in one and are rugged, reliable, and offer many design advantages over others. Both **DC hipot** (leakage current measurement testing) and **Insulation Resistance** testing can be performed up to the full voltage rating of the model. It is ideal for field testing many types of medium and high voltage electrical apparatus, like switchgear, transformers, breakers, bushings, motors & generators, bucket trucks and more.



PTS-300 & PTS-600

0 - 300 kVdc @ 5 mAdc & 10 mAdc
0 - 600 kVdc @ 3 mAdc & 5 mAdc



Bench Top or Field Controls



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All HVI Products are
Made in the USA

