

FOR IMMEDIATE RELEASE

# TAN DELTA • Model TD-34E

## VLF-TD Cable Diagnostic Testing

**High Voltage, Inc.** introduces a new **Tan Delta** bridge which is a non-destructive diagnostic test performed to measure the condition, or level of deterioration, of a cable systems insulation. A population of cables is tested and graded. A comparative analysis is then made to predict relative life expectancy and to help prioritize cable replacement, rejuvenation/injection, or to determine what further tests may be useful, such as a **VLF HV Withstand**, or **VLF Partial Discharge** test.

Tan Delta testing is a well proven, common method of evaluating the dielectric integrity of insulation. It is an off-line test using a 0.1 Hz VLF AC voltage source. **It is a qualitative test long established and defined by the IEEE and other similar organizations. It is easily performed, relatively economical, and provides useful results the operator can interpret and act on.**

The TD-34E, along with the HVI VLF-34E VLF AC hipot, is the latest in design using current electronic technology. Together they permit the user **to perform all VLF and VLF-TD tests possible** and offer the best wireless operation and data collection, aided by the HVI custom application software written solely for the two devices. **There is no better alternative.** HVI has been supplying the world with VLF and Tan Delta technology since 1998, with more models, greater voltage range, and higher power capability, all with the **superior sales and service that HVI is well known for worldwide.**

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