



# VITREK

Vitretek.com



**Electrical Safety  
& Test Equipment  
for the Lighting Industry**

**XITRON**  
By **VITREK**

**VITREK**

Leading Supplier of Electrical Safety & Test Equipment for 25+ Years.

Lighting manufacturers have a unique set of requirements for the testing of their products. Vitrek can provide you with the most affordable and cost effective solution for your unique testing applications.

## Electrical Safety Test Equipment - Hipot & Ground Bond Testers (V7x & 95x) & Teraohmmeter/IR Tester (98x)

Vitrek manufactures two series of hipot electrical safety testers offering our customers the optimum choice of features, performance and price. The 95x Series features high output power with a wide range of output voltages combined with exceptional leakage current resolution. The V7x series offers outstanding performance in a light weight, lower cost format.

The 98x series Teraohmmeter/IR tester is designed to tackle the toughest High Resistance measurement applications. Demanding applications that most other IR testers won't measure up to.

All models come standard with a variety of computer interfaces to simplify test automation right out of the box and can be used with Vitrek's QTEnterprise software.



## Lighting Ballast Analyzers (257xR)



The 257xR ballast analyzers have been adopted by ballast/lighting manufacturers worldwide because of their greatly enhanced technological capabilities, greatly reduced setup and maintenance requirements and low cost of ownership.

With the 257xR, up to four tubes and four ballasts can be tested in a fraction of a second for every key parameter, including peak inrush, striking and light efficiency (when used with a light monitor.) With a capacity of 2,000 measurements per second on each of up to 30 signals, the only limitation to testing throughput is the speed of your production line.

The 257xR can be used in stand alone or computer controlled environments. It allows the user to simultaneously measure all pins on all tubes, independent output measurements, 12 voltages and 12 currents, (i.e. independent tube V and I measurement, independent filament V and I, for each tube that is configured). Continuous sampling at up to 2 Msp/s ensures that even the shortest transient events are measured.

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## Power Analyzers

Vitrek offers a variety of power analyzers to meet your specific requirements. Our precision harmonic power analyzer, the PA900 is the most flexible, easy-to-use, high-performance analyzer on the market today — and it won't break your budget. The PA900 delivers multi-channel, high-accuracy, wideband performance to tackle the toughest energy management applications. The PA900's modular design can hold up to 4 channels of power measurement in any combination of different channel card types.



Available power analyzers include 1- and 2-channel power analyzers and other multi-channel analyzer products.



## Portable Micro-Spectrometer (XT1600)



The XiTRON XT1600 micro-spectrometer provides unparalleled performance and flexibility in a portable, battery-powered instrument. The XT1600 micro-spectrometer captures any visible light and immediately displays the full spectrum and all test data.

The spectrometer features an intuitive touch panel interface and automated report generation.

## DC Electronic Load (DLX Series)

Vitrek's DLX Series of DC Electronic Load devices are the ideal choice for testing LED drivers. The design utilizes high performance semiconductors with high speed and high accuracy, and wide dynamic range of loading from 10  $\mu$ W to 14.5 kV. The DLX Series offers transient and non-linear loading capabilities and sweep feature. The highly accurate (0.035% base voltage and current accuracies) enables use in a wide range of applications from production line settings to the engineering bench.



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Since 1990, Vitrek has provided innovative global solutions for High Voltage Test and Measurement. Our advanced automated Electrical Safety Compliance Testers verify insulation integrity and ground bonding on a single device or a complex system. Our multi-point HV scanners automatically route voltages up to 15Kv to hundreds of test points.

Vitrek supplies Precision High Voltage Measurement Standards to national laboratories and calibration labs around the world and our Graphical Power Analyzers set the standard for world class performance at a very economical price. In addition to manufacturing superior quality test and measurement equipment, Vitrek is also an ISO 17025 accredited calibration laboratory.

This unique combination of capabilities positions Vitrek as a world leader in providing test solutions to the photovoltaic, medical equipment, power conversion, electrical component and appliance industries. Our team of application specialists can assist you in configuring the right solution for your test requirement. And you can count on team Vitrek to supply not only the very best equipment, but also the ultimate in customer support.

Vitrek sales and technical support is available locally via our domestic and international network of independent manufacturer representatives or directly from the Vitrek team of experts.

**For your local representative visit [www.Vitrek.com](http://www.Vitrek.com) or email us directly at [info@vitrek.com](mailto:info@vitrek.com).**

## Vitrek

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Product pricing and specifications contained in this catalog may change without notice.

For specifications related to a specific product model please refer to the operating manual for that product.

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