

Product Features

Since 1979, Venable Instruments has been focused on one goal: bringing the most versatile, full-featured frequency response analyzers to customers in industries where precise testing and measurement tools for power electronics design is critical. Over 35 years of continual research and development has created the widest range of scalable frequency response analyzers to meet your company's current requirements, while providing a cost-effective growth path for future innovation. Venable Instruments is a proven leader in aerospace, automotive, energy, computer technology, academia, government research applications and virtually any industry requiring the highest standards in power supply and stability testing for repeatable and accurate results.

Pioneer of Integrated Isolation

All Venable instruments have a built-in floating oscillator and channel isolation to 600Vpk, eliminating the need for additional injection transformers or voltage reduction probes that are required with other frequency response analyzers. Connecting ancillary components increases the probability for more points of failure during the testing process, or worse, faulty results. Reliable and efficient by design, Venable frequency response analyzers provide a direct connection to your DUT (Device Under Test), eliminating the need for additional external boxes and cables required with other instruments.

Modular, Scalable Design for Simplified, Cost-Effective Upgrades

Venable is the only manufacturer with its enclosure and internal architecture purposely designed for fast and cost-effective upgrades. While a 2-channel FRA may meet your needs today, increased testing requirements or new engineering projects may necessitate higher frequency range, more channels, which could mean a costly new instrument purchase. Not with Venable! Venable instruments are fully scalable, with a modular design that easily upgrades from 2, 3 to 4 channels, increased upper frequency from 5, 20 to 40MHz, or add a digital option to characterize the feedback loop of a digitally controlled power supply.

Technical Support and Engineering Services

As the manufacturer, Venable Instruments provides all post-sales support for technical and application questions, with repairs and upgrades through our highly experienced engineering and laboratory personnel. Our team can troubleshoot issues remotely, often eliminating returns for repair, which can cause costly testing interruption and delays. In addition, Venable offers power supply testing services in our lab – contact Venable for more information.

17025/Z540.1 Level II Calibration

The 17025/Z540.1 Standard calibration certification is a requirement of most companies adhering to ISO 9001 Standards within their production facility. Venable is one of the only frequency response analyzer manufacturers that offers calibration to these higher standards, including before and after data, in an ISO/IEC 17025:2005 Accredited Laboratory.

Wide Range of Operating System Support

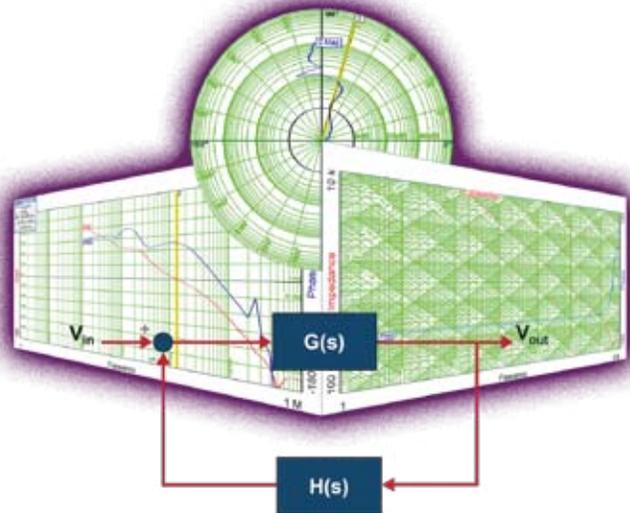
All Venable instruments with the current version of *Stability Analysis™* Software supports Microsoft® Windows® XP Service Pack 3 and Windows® 7, 8 and 10.

Lease-to-Own and Rental Options

Short-term need or budget constraints? Venable's inventory of rental instruments, and affordable lease-to-own options, provide a quick, stopgap solution to keep your projects on schedule.

Warranty and Extended Warranties

Venable provides a standard one year warranty which covers any defects in material or workmanship on new instruments. Venable also offers 3 and 5 year extended warranties to provide further investment protection.



“The world’s leading technology firms rely on Venable solutions to make their companies profitable and competitive.”