

POWER METERS

The Agilent N8262A P-Series Power Meter is designed for seamless operation with widely used standards like Ethernet, web browsers, and IVI drivers and integrates easily to work with existing test assets. The 1U, LXI class C-compliant unit supports LAN-based automated measurements of peak, peak-to-average ratio, and average power.

The modular power meter has a sampling rate of 100 MS/s and performs time and CCDF statistical measurements. Users can program the N8262A with various programming languages, including Agilent VEE, LabVIEW, LabWindows, C, C++, and MATLAB. N1918A Power Analysis Manager software is optional.

The meters are code-compatible with the Agilent P-Series power meters and backward compatible with the P-Series, most E-Series, and 8480 Series power sensors.

Agilent Technologies
www.rsleads.com/715ee-177

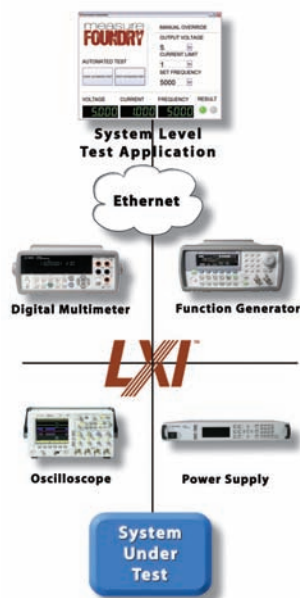


GRAPHICAL TEST SOFTWARE

Instrument Pak, an add-on to Measure Foundry™ 5.0, provides drag-and-drop graphical software to configure LXI test and measurement applications using IVI-COM drivers along with existing VISA and SCPI programs. It supports several standard instruments: function generators, oscilloscopes, DMMs, and programmable power supplies for ATE. Instrument Pak requires Measure Foundry Professional, which includes a built-in installer for easy royalty-free distribution of executables.

Measure Foundry 5.0 features a process component for creating automated test sequences; an enhanced inspector tool; built-in text-based language; and software components such as real-time crash-safe disk recorder, scope, chart recorder, and spectrum analyzer. Version 5.0 has a form-based application design vs. a worksheet format, a library with 20 filter components, and clear separation of design mode and run mode.

Data Translation
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MATRIX SWITCHING

The new 60-310 High-Voltage Matrix and the 60-510 LXI Low Thermal EMF Matrix are supplied with IVI, SOAP and Direct I/O drivers, and soft front panels that allow them to be controlled through any W3C compliant web browser. Each unit is contained within a 2U full-rack enclosure.

The 60-310 is a two-pole 300x2 switching matrix for hot-switching 500-VDC signals and cold-switching 1,000-VDC signals. The design uses Rhodium-plated reed relays.

The 60-510 is a 56x33 matrix capable of switching 150 VDC signals at currents up to 1 A. The matrix uses instrument-grade Ruthenium-sputtered relays to ensure a long service life while typically providing less than 2.5 mV of thermal EMF.

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AC POWER MANAGEMENT SWITCH

The 60-200 Remote AC Power Management Switch applies AC power to any instrument or AC-powered device under exact programmatic control. A single AC supply connection to eight switched AC outlets provides power to all connected instruments. Each connection can be turned on or off including precise timing delays under programmatic control over an LXI-compliant connection or controlled completely through any W3C-compliant web browser.

The 60-200 can be programmed to power up and power down devices connected to it in any specified order. An emergency shutdown switch on the front panel also connects a remote emergency switch.

The 1U-high unit features relays specifically designed to ensure that the switching system can handle switching instruments with EMC filters that have a high inrush current.

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