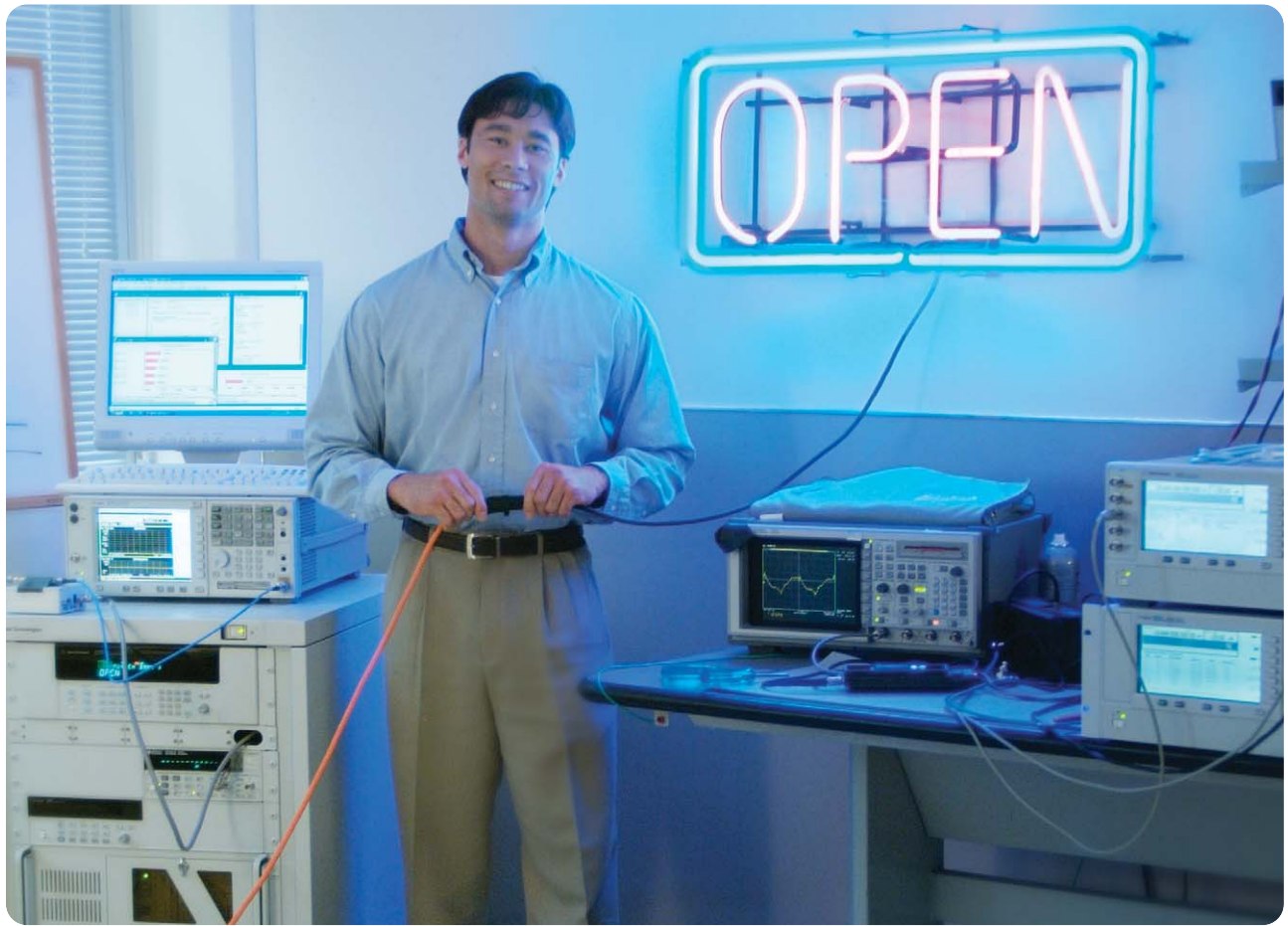




**Come on in to Agilent Open**



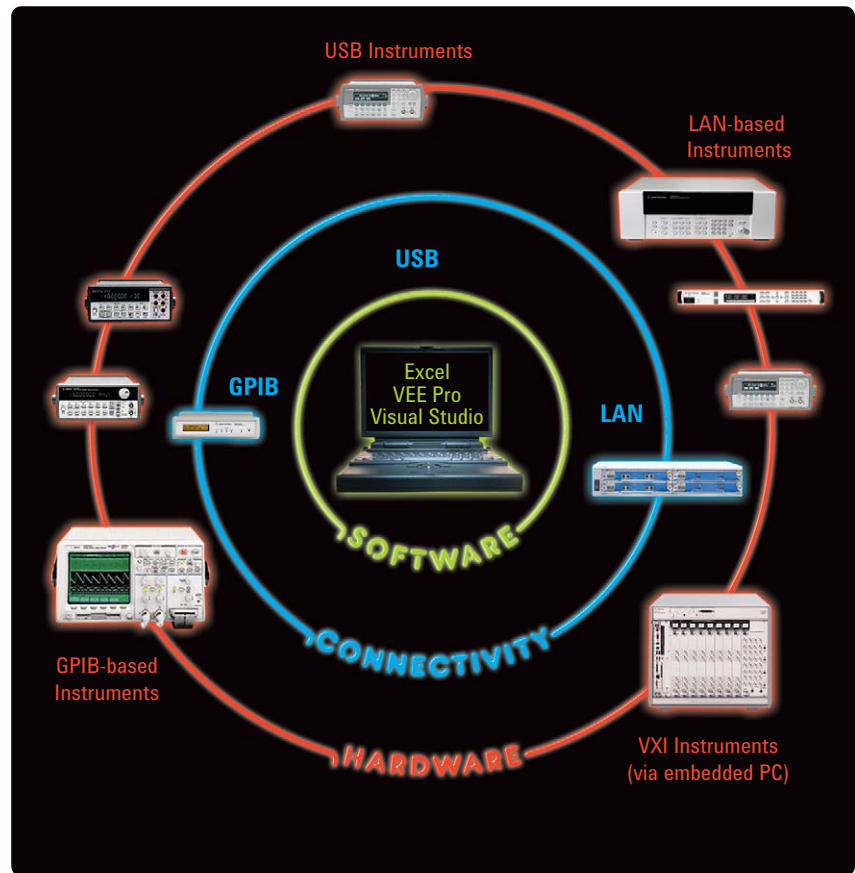
**The place to find simpler test integration**

Welcome to Agilent Open—the concept that will make your test development process as easy as it is successful. Instruments within the Agilent Open program are the ones you use most, and the ones you count on for ongoing, reliable results. So we've given them advantages that you'll appreciate (and that you won't find anywhere else).

Every Agilent Open instrument brings you:

- System-ready convenience
- Standard PC I/O interfaces
- The flexibility to program in any environment

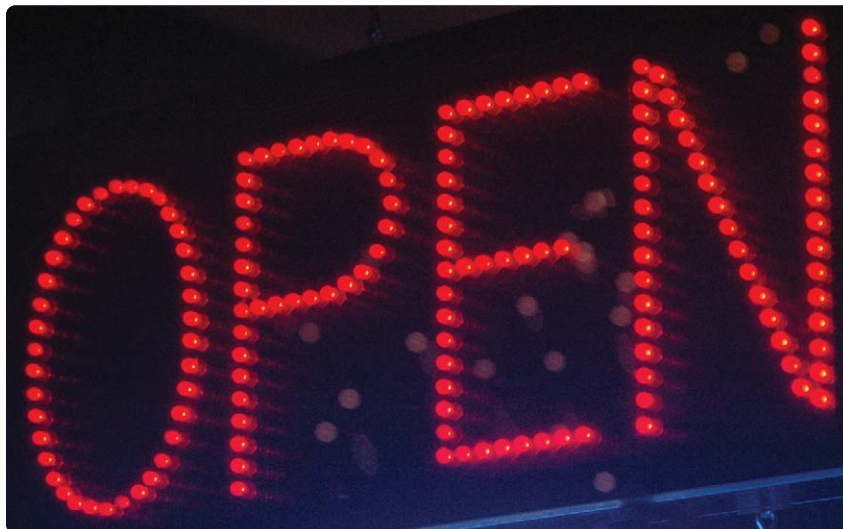
Plus, only Agilent has the breadth of products to address your testing needs from R&D through manufacturing.



U.S. 1-800-829-4444  
Canada 1-877-894-4414  
[www.agilent.com/find/open](http://www.agilent.com/find/open)



The strength of Agilent Open is not just in an instrument—it's in the way we help you simplify your test process. And, as technology moves forward, our reliance on industry standards opens the door to future developments such as modular, LAN-based instrumentation.





# Say hello to the facts behind Agilent Open

## System-Ready Instruments

Selecting an Agilent instrument for your test is an easy choice—because it makes system setup so easy for you. Because our IO Libraries Suite software is included with every Agilent Open instrument, you'll get an error-free connection to your instruments every time.

How? Agilent's Connection Expert installs automatically, configuring interfaces, discovering other instruments (regardless of the manufacturer), and verifying their connections. In less than 15 minutes (yes, minutes)—and with just one reboot—your PC can be up, running, and communicating with your instruments.

## Standard PC I/O Interfaces

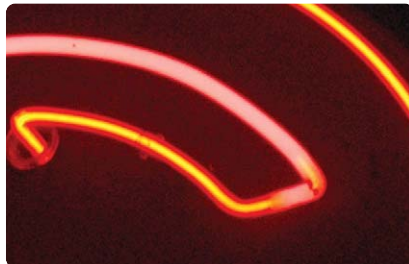
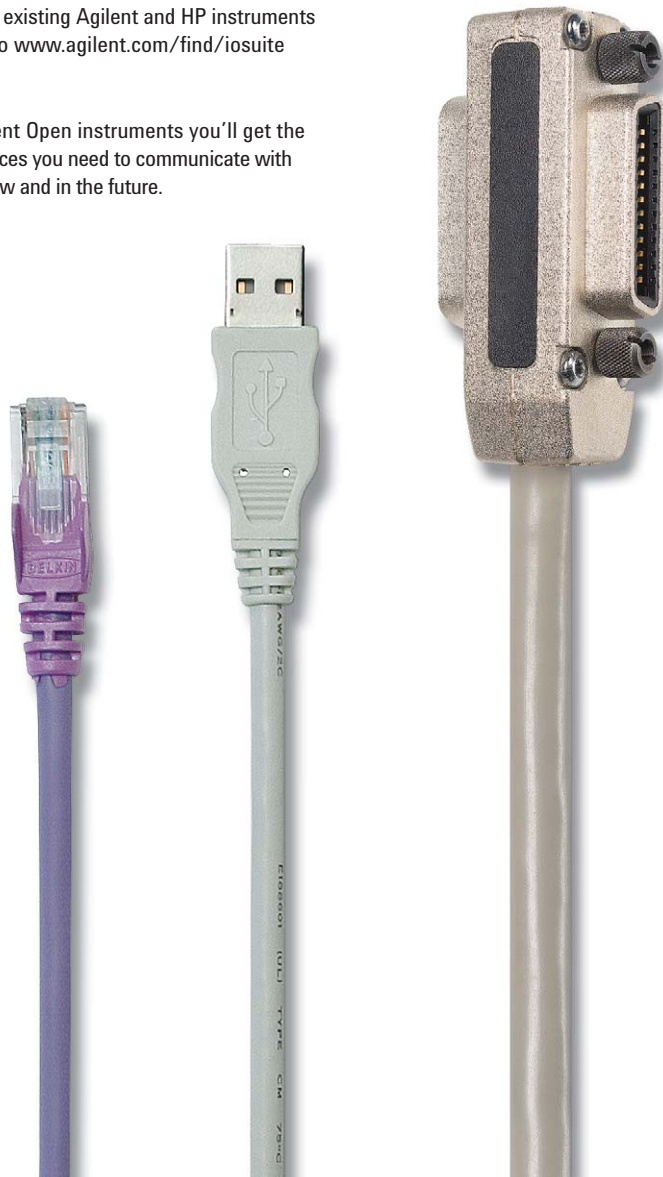
It's hard to connect instruments to your system when they don't have the right interface. Agilent minimizes the frustrations of mixed I/O interfaces by offering GPIB, LAN and USB ports in Agilent Open instruments. This also lets you choose the interface that works best with your system now—and use another one in the future.

There's no need to hunt for cables or burden your budget with expensive interfaces. Agilent Open gives you the flexibility to use what you already have. No other test and measurement vendor supports more standard PC interfaces.



▲ Soon, more than 125 Agilent instruments will ship with the E2094N IO Libraries Suite software, making it as easy as 1-2-3 for you to connect and communicate with every system component. You can also download it free for millions of existing Agilent and HP instruments – just go to [www.agilent.com/find/iosuite](http://www.agilent.com/find/iosuite)

▼ With Agilent Open instruments you'll get the I/O interfaces you need to communicate with your PC now and in the future.



## Open to Any Environment

Chances are, you're an engineer, not a programmer. So why spend time struggling with unfamiliar programming languages just to set up a test?

Agilent Open means you can work in the development environment you're already comfortable with—whatever that environment might be. The IO Libraries Suite connectivity software easily transitions you to Excel or popular programming languages such as Visual Basic, C, LabVIEW, Agilent VEE Pro, Visual Basic.NET, Visual C++, Visual C# and others. So you can focus your efforts on the results from your device, not the code that gets you there.

Have the freedom to use legacy and new-generation instruments in the same system.



U.S. 1-800-829-4444  
Canada 1-877-894-4414  
[www.agilent.com/find/open](http://www.agilent.com/find/open)



### Agilent E5810A LAN/GPIB gateway

- Remote control of GPIB instruments via your LAN
- Protects your investments in GPIB-only instruments



### Agilent 82357A USB/GPIB interface

- Easy connections between PC and up to 14 GPIB-only instruments
- No switches, PC cards or external power supplies required



### Agilent E5813A LAN/USB gateway and USB hub

- Remotely connect to multiple USB devices
- Break the five-meter limit on USB connections



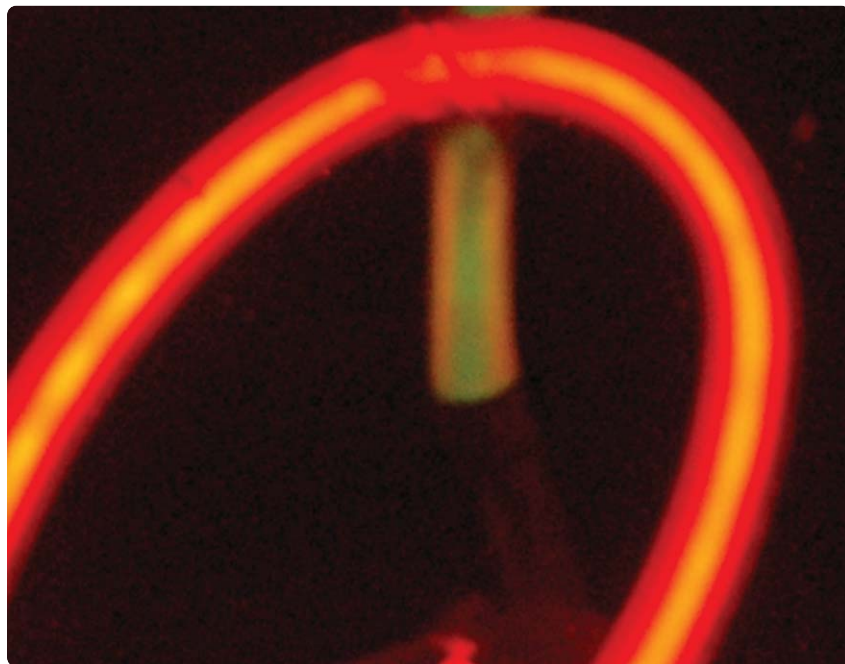
### Agilent E5805A USB/4-port RS-232

- Create a direct connection with your PC or laptop
- Simple USB interface to four RS-232 devices



# Turn on the flexibility

The power to choose what you need



When you work with Agilent, you really open up your options. That's because we understand that one type of instrument doesn't fit every test. Rather, we give you the flexibility to customize your instrument with mix-and-match modules—or the freedom to choose from a broad range of models—so you can pinpoint just the right capability for your test system.

## Agilent 34980A multifunction switch/measure unit

### Agilent 34980A multifunction switch/measure unit

- A multifunction switch/measure unit with 19 mix-and-match modules
- Switch signals up to 20 GHz
- Digital I/O, analog outputs and counter/totalizer
- 8 slots with optional built-in 6.5 digit DMM
- 560 2-wire multiplexer or 1,024 matrix crosspoints in one mainframe
- Built-in Web server enables control via standard browser
- Priced up to 40 percent less than comparable VXI/PXI solutions





# Agilent N6700 low-profile modular power system

## Agilent N6700 low-profile modular power system

- A 1U power supply with one to four mix-and-match outputs of 50W or 100W
- High-performance outputs or basic DC power
- Prices start at \$1,000 per output
- Fast command processing times to improve throughput
- Ideal for ATE systems in R&D, design validation and manufacturing



# Agilent N5700 Series system DC power supplies

## Agilent N5700 Series system DC power supplies

- A family of 24 high-power supplies
- The highest power available in 1U
- Outputs can be connected in parallel and in series
- Overvoltage, overcurrent and overtemperature protection



U.S. 1-800-829-4444  
Canada 1-877-894-4414  
[www.agilent.com/find/open](http://www.agilent.com/find/open)



# Make operating hours more productive

Get more done with Agilent



Talk about a friendly working environment. Agilent Open instruments go out of their way to make you feel comfortable—starting with your choice of development language. That means you don't have to struggle in unfamiliar territory. And our products are designed to help you get your work done in hours, not days or weeks. It begins with software tools

that make light work of test setup and analysis. With Agilent VEE Pro 7.0, the intuitive connection of objects lets you create a graphical program that replaces lines of tedious code. Agilent Toolkit 2.0 extends Visual Studio® with everything you need to develop programs, connect to instruments, sequence tests and generate graphs and tabular results. And ease of use

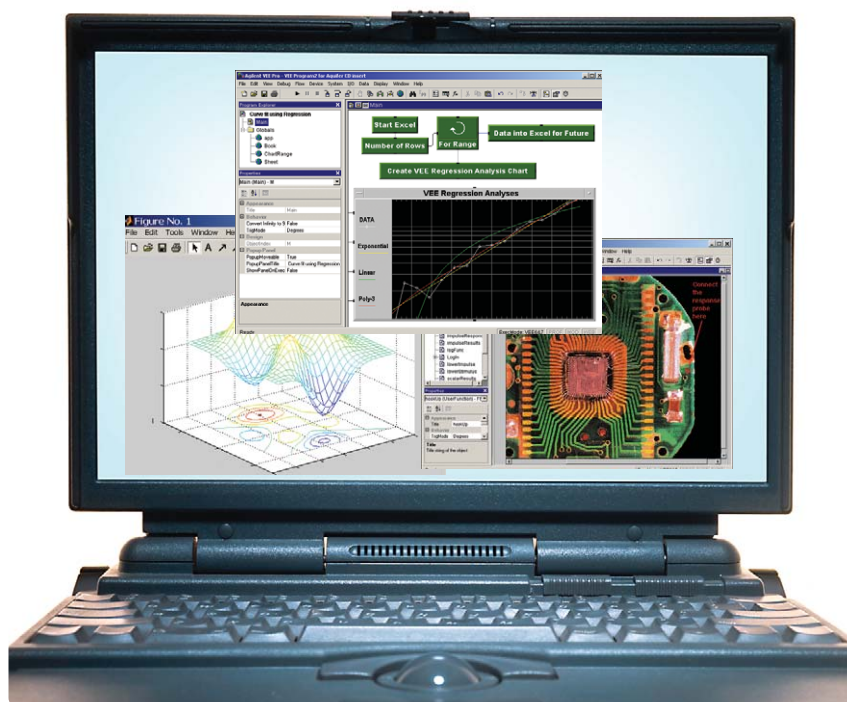
doesn't stop with software. Instruments such as our P-Series power meters and sensors offer significant time-saving features—in this case, internal zeroing and calibration.

No question, you'll get the most out of your working hours when you employ Agilent.

## Agilent VEE Pro 7.0 graphical programming software

### Agilent VEE Pro 7.0 graphical programming software (W1140A-VEE)

- Powerful test programming with a very intuitive graphical interface
- Easy measurement analysis capability that includes MATLAB® script
- Works with Visual Studio, ActiveX, COM, Excel and thousands of drivers
- Includes unlimited run-time distribution, MATLAB script, .NET interface, six months support, and localization
- Priced to provide a huge savings compared to other environments

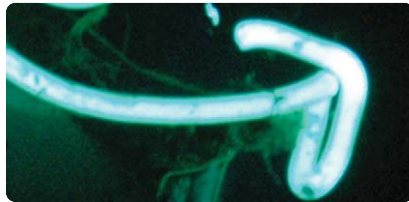




# Agilent Toolkit 2.0 with test automation

## Agilent Toolkit 2.0 with test automation (W1140A-TKT)

- Powerful tools and components for Visual Studio
- Sequence prototype tests using built-in limit checking and variable looping
- Capture histograms and process control charts automatically in XML format
- Easily import data into Excel for further analysis
- Priced to be a "must-have" tool for engineering development in Visual Studio



# Agilent P-Series power meters and sensors

## Agilent P-Series power meters and sensors

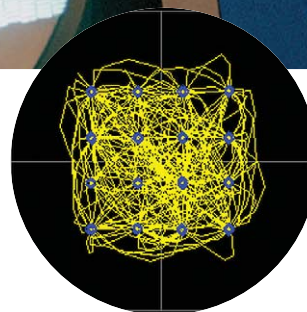
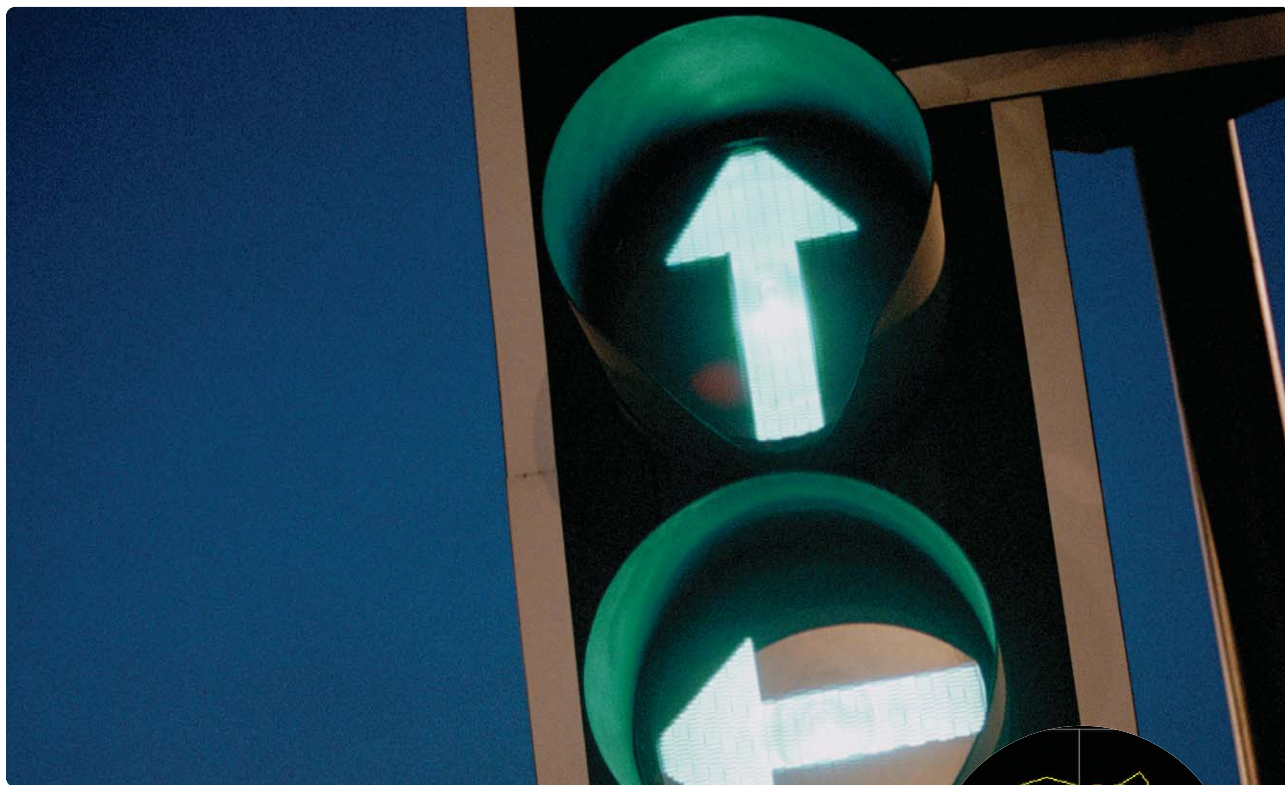
- Internal zeroing and calibration for increased productivity
- 30 MHz video bandwidth and 100 megasample/s continuous sampling
- Comprehensive pulse parameter measurements and statistical analysis with optional PC software package
- Backward compatible with all 8480 and E-series power sensors



U.S. 1-800-829-4444  
Canada 1-877-894-4414  
[www.agilent.com/find/open](http://www.agilent.com/find/open)

# Manage signals from every direction

with the most versatile spectrum analysis and signal generation



What's coming in and out of your test system? You'll know more than ever with Agilent Open signal generators and spectrum analyzers.

Far beyond creating simple waveforms, Agilent PSG signal generators extend frequencies to ranges never before seen in standard test instruments.

You'll get the highest output power of any commercially available signal generator with analog or vector modulation. The high-performance features help reduce waveform development from days to hours.

Faster analysis occurs too when you can make deeper evaluations than ever before. The only high-performance spectrum analyzers with flexible modulation analysis and 80 MHz analysis bandwidth with high dynamic range, the Agilent PSA Series makes it possible to find and solve problems faster.

Specialized applications call for specialized solutions. And Agilent Open helps you find them, whatever direction you're going.

Agilent  
Open 



U.S. 1-800-829-4444  
Canada 1-877-894-4414  
[www.agilent.com/find/open](http://www.agilent.com/find/open)

# Agilent PSG signal generators

## Agilent PSG signal generators

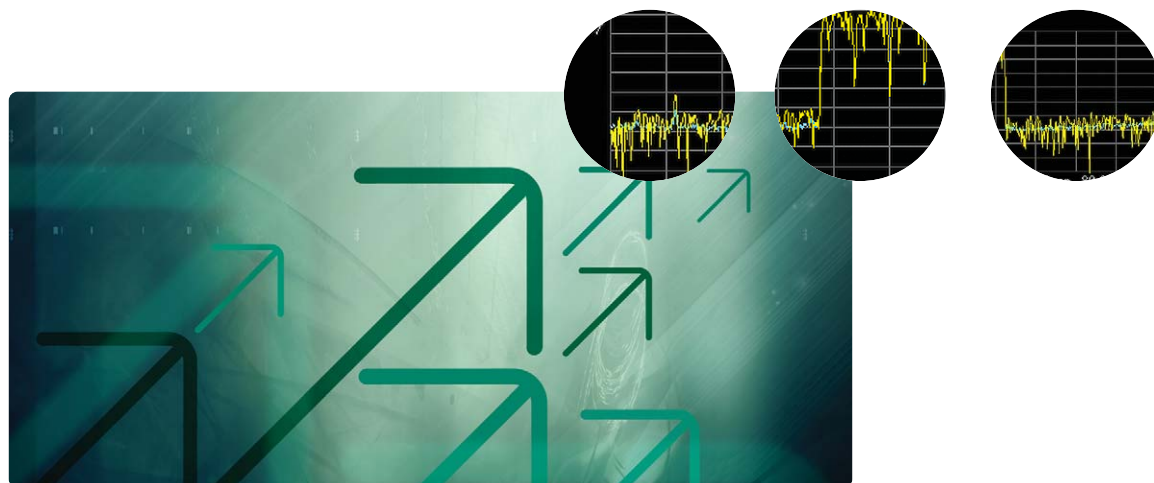
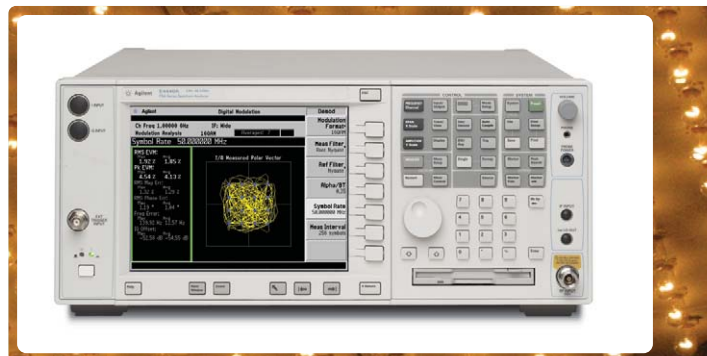
- The industry's first 67 GHz CW/analog and 44 GHz vector signal generators
- Highest output power and lowest phase noise
- Vector modulation to 44 GHz
- Wideband modulation capability to 2 GHz of RF bandwidth
- Flexibility for applications ranging from radar to wireless LAN



# Agilent PSA Series spectrum analyzers

## Agilent PSA Series high-performance spectrum analyzers

- More thorough evaluations to solve problems faster—all in one instrument
- 80 MHz analysis bandwidth with 80 dB dynamic range (E4440A)
- Flexible digital modulation analysis
- 3 Hz to 50 GHz frequency range, up to 325 GHz with external mixing
- 114 dB distortion-free dynamic range
- Application-specific measurements: wireless communications, phase noise, noise figure, EMI and Power Suite







You can step into the world of Agilent Open today. Just give us a call or visit us online for details about Agilent Open instruments, I/O and software.

Agilent  
Open 

U.S. 1-800-829-4444  
Canada 1-877-894-4414  
[www.agilent.com/find/open](http://www.agilent.com/find/open)

©Agilent Technologies, Inc. 2005  
Printed in USA, May 25, 2005  
5989-2042EN

MATLAB is a U.S. registered trademark of The Math Works, Inc.  
Visual Studio is a registered trademark of Microsoft Corporation  
in the United States and/or other countries.



**Agilent Technologies**