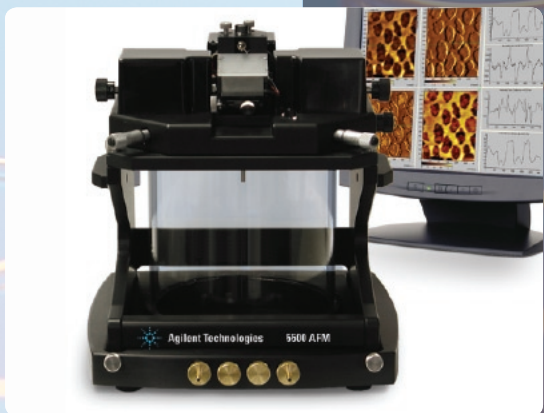
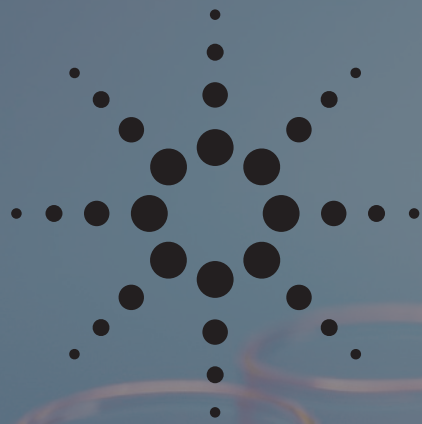
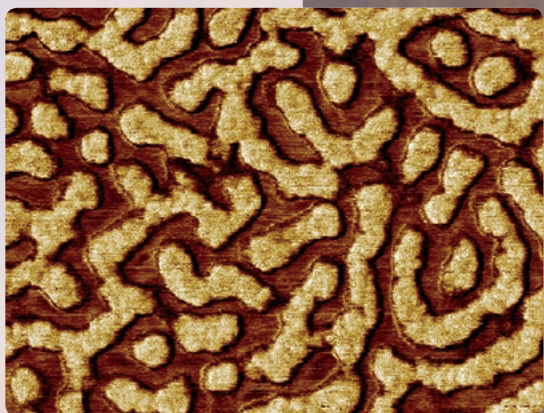


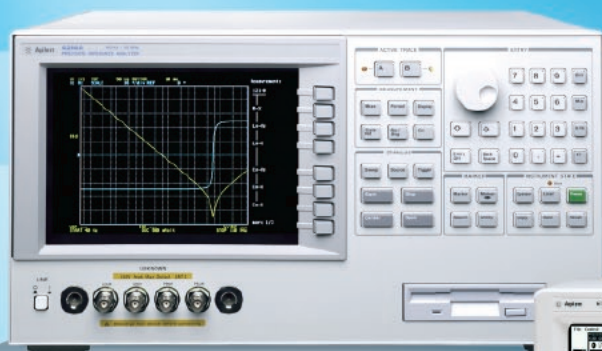


The Agilent **Advantage**



Agilent Technologies

Electronic Measurement



Life Science & Chemical Analysis

Agilent Technologies

The World's Premier Measurement Company

When measurement matters, engineers, scientists, researchers, manufacturers, businesses, universities, and government agencies rely on Agilent Technologies' tools and solutions. From home entertainment to homeland security, from food safety to network reliability, and from communicating wirelessly to discovering the genetic basis of disease, Agilent Technologies provides the measurement capabilities that make our world more productive and a safer, healthier, more enjoyable place to live.

Agilent Technologies operates two primary businesses – (1) electronic measurement (EMG) and (2) life sciences and chemical analysis (LSCA) – supported by a central research group, Agilent Laboratories. Our businesses excel in applying measurement technologies to develop products that sense, analyze, display, and communicate data. Agilent Technologies' 19,000 employees serve customers in more than 110 countries. These customers include many of the world's leading high-technology firms, which rely on our products and services to increase profitability and competitiveness, from research and development through manufacturing, installation, and maintenance. We enable our customers to speed their time to market and achieve volume production and high-quality precision manufacturing.

In fiscal year 2006, Agilent Technologies had net revenue of \$5 billion. More than half of this revenue was generated from outside the United States. We maintain facilities in about 30 countries, with worldwide headquarters in Santa Clara, California. Our global presence offers a distinct competitive advantage, with R&D, manufacturing, sales, and support capabilities serving customers around the world.

*Agilent Technologies operates two primary businesses—
electronic measurement and life sciences and chemical analysis—
supported by a central research group, Agilent Laboratories.*



5500 AFM with environmental chamber



Network Analyzer



Bio Analyzer



LC Mass Spectrometer

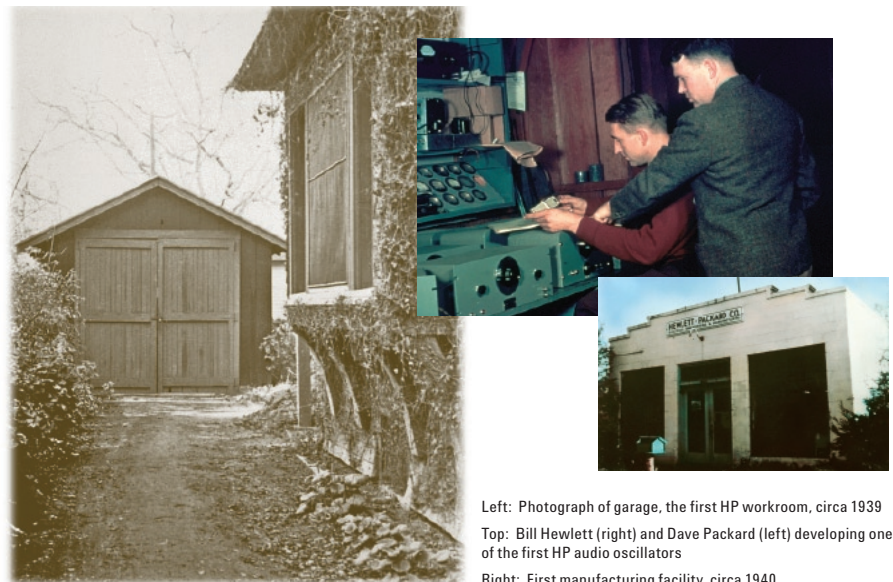


Agilent Corporate Headquarters in Santa Clara, CA.

A History of Excellence

Agilent Technologies spun off from Hewlett-Packard Company in 1999 as part of a corporate realignment that created two separate companies. Our roots date back to 1939 when Bill Hewlett and Dave Packard started a company that helped shape Silicon Valley and the technology industry. The two founders are renowned for their visionary approach to management (known as the “HP Way”) and for their commitment to making products that contribute to advances in science and technology.

Agilent has continued to support the values that have made Packard and Hewlett’s company a success: dedication to innovation; trust, respect, and teamwork; and uncompromising integrity. Added to these are speed, focus, and accountability to meet customer needs and create a culture of performance that draws on the full range of people’s skills and aspirations.



Left: Photograph of garage, the first HP workroom, circa 1939
 Top: Bill Hewlett (right) and Dave Packard (left) developing one of the first HP audio oscillators
 Right: First manufacturing facility, circa 1940



Nano Volt/Micro-Ohm Meter



5400 AFM system



Gas Chromatograph

Agilent Technologies is committed to making products that contribute to advances in science and technology.

Electronic Measurement

Agilent's electronic measurement business provides standard and customized solutions that are used in the design, development, manufacture, installation, deployment, and operation of electronic equipment and systems and communications networks and services. These solutions include test and measurement instruments and systems; automated test equipment; communications network monitoring, management, and optimization tools; software design tools; and associated services.

The electronic measurement business provides a wide range of test and measurement instruments, solutions, systems, and services to the electronics and wireless communications industries. For the communications industry, the electronic measurement business provides test and assurance solutions for wireline, wireless, and IP service providers to help ensure high quality of service, reduce capital and operating expenses, and increase revenues.

Life Sciences and Chemical Analysis

Agilent's life sciences and chemical analysis business (sometimes referred to as bio-analytical measurement) is a leading supplier of instruments, software, supplies, and services to the life science and chemical analysis markets. These products enable customers to identify, quantify, analyze, and test the atomic, molecular, physical, and biological properties of thousands of substances and products. The group's products are used extensively by customers in the chemical, environmental, pharmaceutical, biotech, academic, and government sectors.



Measures of Success

No other company offers the breadth and depth of measurement tools and expertise to meet the world's critical requirements for electronic and bio-analytical measurement. With our impressive track record and exclusive focus on measurement, Agilent is the global industry leader – by virtually any measure.

Agilent's electronic measurement business is the leader in numerous product markets:

- #1 in** • test instrument sales¹
• communications test¹

Measurement solutions for fiber optic, broadband, radio frequency, and microwave communications networks and products:

- #1 in** • cellular mobile test¹
• digital cellular mobile test¹
#1 worldwide • in wireless communications test equipment¹
• in wireless communications one-box test sets for manufacturing²
• in wireless mobile manufacturing test equipment²
• supplier for custom and tailored systems in the wireless market
• supplier for manufacturing test diagnostic tools for the communications market
• in signal routing and switching products¹
• in optical test equipment²
• in network analyzers¹
• in metro network test equipment³
#1 in • ATM/IP/router transmission test
• pulse/data generators¹

High-frequency precision electronic design tools:

- #1 worldwide** • in high-frequency EDA (electronic design automation) simulation software
• in high-frequency computer-aided engineering software⁴
• in EDA device modeling systems²
#1 • RF focused RF/baseband system EDA²
• RF & microwave EDA²
• EDA/instrument connected solutions²
#1 worldwide • RF device characterization and modeling²

Measurement and test instruments:

- #1 worldwide**
- in imaging and in-circuit testing³
 - in signal source generators¹
 - in logic analyzers²
 - in logic-signal sources¹
 - in mixed signal oscilloscopes²
 - in electronic counters¹
 - in spectrum analyzers¹
 - in system DC power supplies¹
 - in inductance capacitance-resistance (LCR) meters²
 - in impedance analyzers²
 - in function/arbitrary waveform generator¹
 - in laboratory power supplies¹
 - in power meters¹
 - in laser-based positioning systems²

Assurance solutions:

- #1 worldwide**
- in communications-test equipment²
 - operations support systems (OSS) service assurance⁵
 - OSSs that use signaling data to manage networks
- #1 in**
- VoIP (voice over IP) service assurance monitoring²

**Agilent's life sciences
and chemical analysis
business leads in several
key product markets:**

- #1 worldwide**
- in gas-chromatography and GC/MS systems
 - in single quadrupole mass spectrometry systems
- #2 worldwide**
- in microarrays
- #1 worldwide**
- in ICP-MS systems
- #2 worldwide**
- in liquid-chromatography systems⁶

¹ Source: Prime Data

² Source: Agilent research

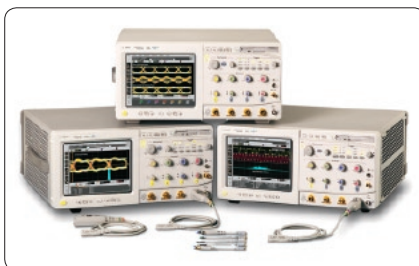
³ Source: Frost & Sullivan

⁴ Source: Dataquest

⁵ Source: RHK

⁶ Sources: Strategic Directions International and IMV Ltd.

Agilent is the global industry leader—by virtually any measure.



Oscilloscope



Power Supplies



Microarrays

Agilent Laboratories

Agilent Laboratories is a world-leading industrial research center whose purpose is to power Agilent Technologies' growth through breakthrough technologies. Agilent Labs focuses on Agilent's future to ensure leadership in Agilent's existing businesses and to provide technology foundations that can create new businesses for the company going forward.

Agilent Labs is a global organization. The majority of research is located in Santa Clara, California, with additional sites in Europe in Leuven, Belgium, and South Queensferry, Scotland; in Asia in Beijing, China; and in the United States in Everett, Washington.

Fundamental strengths of Agilent Labs include deep technical expertise, a strong base of technology disciplines, a core competence in transferring technologies to Agilent's businesses, and employees who enjoy the richness of a broad science and engineering environment. Agilent Labs capitalizes on synergy across multiple areas and businesses, and recognizes and exploits problem-solving opportunities through combinations of seemingly unrelated technologies. Agilent Labs is the one place where all of the technologies that support Agilent's businesses come together.

Agilent Labs conducts three kinds of research in electronic, bio-analytical and nanotechnology measurement to meet the needs of Agilent's customers across a range of markets and industries:

Research that will lead to evolutionary, revolutionary, and disruptive technologies to grow Agilent's existing businesses in electronic and bio-analytical measurement systems,

Research that leads to technologies that create new businesses outside Agilent's current markets but within Agilent's field of interest, and

Basic research that contributes to the fundamental understanding of areas critical to Agilent's future.

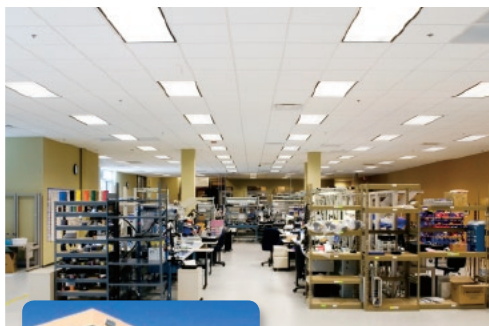




The quality of Agilent Labs is a reflection of the quality of its people.

The quality of Agilent Labs is a reflection of the quality of its people. About 70 percent of Agilent Labs' research staff has advanced degrees at the leading edge of a broad range of scientific disciplines. These researchers care deeply about their research and about the people around them. They are committed to longer range, high-risk research, are driven to help achieve business results, and connect externally to other leading global research organizations, actively partnering with universities and government research institutes.

The accomplishments of Agilent Labs' scientists have been recognized by their selection, for example, as Fellows in the Institute of Electrical and Electronics Engineers (IEEE) and American Physical Society, and as members of the National Academy of Engineering. They win awards for their professional publications and articles, are frequently invited to speak before gatherings of their peers, and are the recipients of grants from, for example, the National Institutes of Health (NIH) and the Defense Advanced Research Projects Agency (DARPA). In addition, Agilent Labs' scientists have been active in developing and contributing to industry standards, including IEEE standards.



Agilent Nanotechnology
Measurement Division
Headquarters (inset),
and Manufacturing Division,
Chandler, AZ.

Nanotechnology Measurement

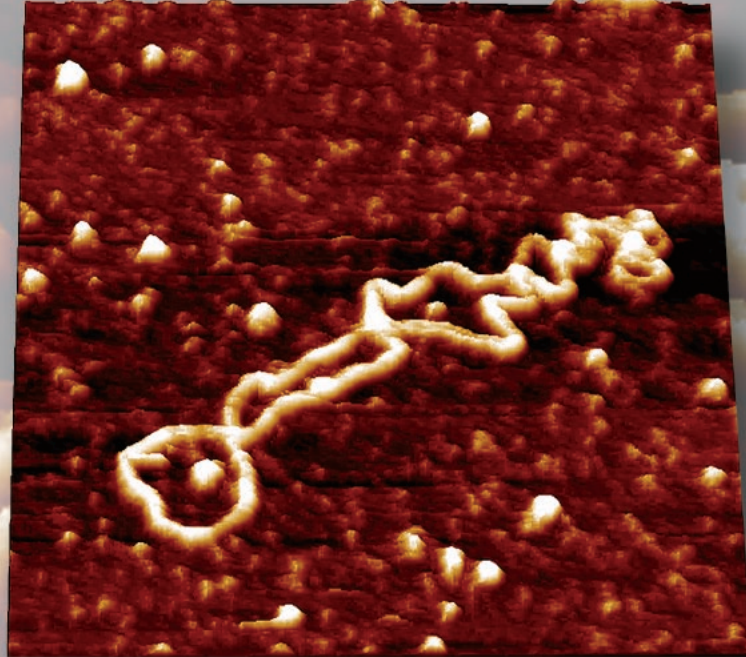
Agilent's nanotechnology measurement division has established itself as a leading provider of atomic force microscopes, nano-positioning solutions (laser interferometer precision positioning), precision optics and assemblies. Nanotechnology spans many disciplines, including physics, material science, chemistry, biology, computer science/information technology, and electronics. It is a common denominator between the two chief areas of Agilent's business – electronic measurement and bio-analytical measurement.

In November 2005, Agilent Technologies greatly strengthened its nanotechnology product portfolio by acquiring Molecular Imaging Corporation, the premier developer and supplier of atomic force microscope (AFM) and scanning probe microscope (SPM) systems for high-resolution imaging in fluids or ambient air under controlled temperatures and environmental conditions. Founded in 1993 by Professor Stuart Lindsay and Dr. Tianwei Jing from Arizona State University (ASU), Molecular Imaging introduced several innovative systems for nanotechnology research applications in life science, biotechnology, electrochemistry, material science, and polymer science to the marketplace. They hold nearly 40 patents for their AFM design and technology. While the Molecular Imaging name has since been retired, Agilent continues to have a very close working relationship with ASU and the Lindsay Lab at the Biodesign Center.

Agilent's nanotechnology AFM instrumentation lets scientists image, manipulate, and characterize a wide variety of nanoscale behaviors – electrical, chemical, biological, molecular, and atomic. Our growing collection of nanotechnology instruments, accessories, software, services, and consumables can reveal clues researchers need to understand the nanoscale world.

Agilent's AFM operations recently relocated to an over 30,000 sq. ft., state-of-the-art facility in Chandler, Arizona. The new site increases our ability to provide scientific-grade, modular AFM solutions for research, industry, and education. It has state-of-the-art application laboratories and an education center for beginning through advanced applications training. Our AFM organizations in Europe, Japan, China and the Asia Pacific have also added significant infrastructure and personnel.

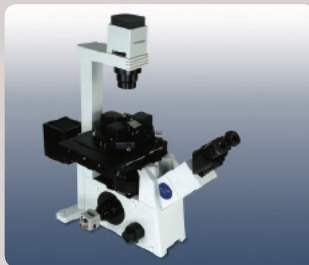
Agilent's nanotechnology measurement division is in an excellent position to keep our customers at the forefront of this exciting field of exploration thanks to development partnerships with Agilent Labs, collaborations with university research programs, and an experienced staff committed to superior products, science, and service.



Agilent's nanotechnology measurement division has established itself as a leading provider of microscopes, interferometers and precision optics and assemblies.



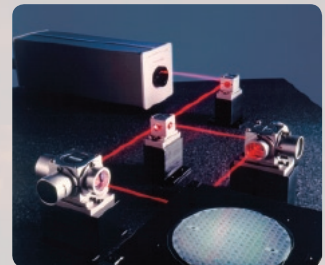
5500 AFM



5500 AFM on an inverted microscope



5400 AFM



Laser Interferometer

AFM Instrumentation from Agilent Technologies

Agilent Technologies offers high-precision, modular AFM solutions for research, industry, and education. Exceptional worldwide support is provided by experienced application scientists and technical service personnel. Agilent's leading-edge R&D laboratories are dedicated to the timely introduction and optimization of innovative and easy-to-use AFM technologies.

www.agilent.com/find/afm



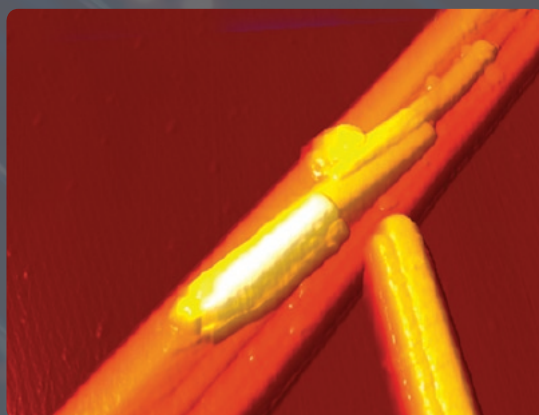
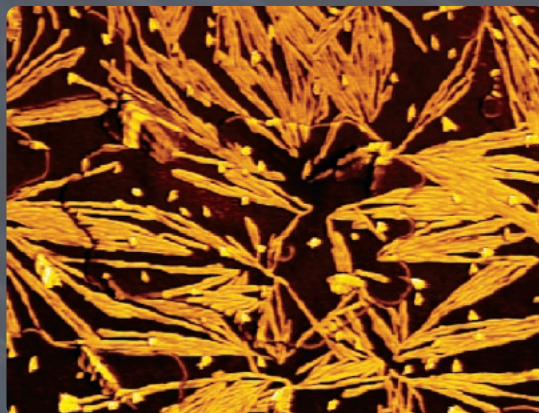
EXPLORE, BE NOVEL, BE FIRST

See how Agilent's complete portfolio of measurement instruments for nanotechnology can improve your research.

www.agilent.com/find/nano

For more information on Agilent Technologies' products, applications or services, please contact your local Agilent office. The complete list is available at:

www.agilent.com/find/contactus



Top image: PEG surfactant single wall nanotube
Bottom image: Carbon nanotube, scan size 67 μm

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