

	<p>Advantest Corporation is a leading manufacturer of automatic test-equipment (ATE) for the semiconductor industry, and a manufacturer of measuring instruments used in the design, production and maintenance of electronic systems including fiber optic, wireless communications equipment and digital consumer products which includes terahertz 2D, 3D imaging, Raman, FTIR, X-ray and new applications for materials characterization and chemical identification.</p>
	<p>The world leader in nanoscale IR spectroscopy instruments, pioneered by a team of world leading scientists in the field of nanoscale analysis, and senior business talents, focused on providing robust chemical analysis with nanometer scale spatial resolution. Delivering integrated hardware and software solutions, such as (AFM-IR,s-SNOM), nanoscale thermal analysis (nano-TA) and AFM (Atomic Force Microscopy). Nanoscale IR spectroscopy has added a special dimension to AFM imaging.</p>
	<p>Asylum Research is the technology leader in Scanning Probe material (SPM), Atomic Force Microscopy (AFM) for Materials Characterization, Bioscience applications and Nanomechanical testing. Asylum is dedicated to innovative instrumentation for Nanoscience and Nanotechnology, with 300 years combined AFM/SPM experience among our staff. Our instruments are used for a variety of Nanoscience applications in Material Science, Physics, Polymers, Chemistry, and bioscience, including Single Molecule Mechanical Experiments on DNA, Protein Unfolding, Polymer Elasticity and more.</p>
	<p>The Attension range of contact angle meters and precision tensiometers from Biolin Scientific provide outstanding ease of use for liquid and solid surface characterization in research and industrial processes. Measurements include surface roughness, wettability, surface free energy, contact angle and interfacial rheology. Analytes that can be characterized include superhydrophobic surfaces, polymers, coatings, surfactants, devices, and nanocomposite material. The product range consists of optical and force tensiometers for research and development.</p>
	<p>Brookhaven Instruments provides world-class analytical instruments for materials characterization in diverse applications. This includes Nanoparticle size analysis utilizing dynamic light scattering (DLS) or Disc-centrifugation, zeta potential analysis utilizing phase analysis (PALS) and molecular weight detectors for GPC/SEC.</p>
	<p>Formulation provides the best solutions to characterize concentrated dispersions (emulsion, suspension, foam) in terms of stability and microrheology. We address different application fields including Pharmaceutical, Cosmetic, Food, Petroleum and Electronics.</p>
	<p>Headwall Photonics is the leading designer and manufacturer of hyperspectral imaging systems and spectral instrumentation for industrial, commercial, and government markets. Headwall's high-performance spectrometers, spectral engines, and holographic diffraction gratings have been selected by OEM and end-user customers worldwide for use in their critical application environments.</p>
	<p>Founded in 1984, Heidelberg Instruments is today a global leader in design, development and manufacturing of complex laser-based maskless lithography systems. These systems are critical to fabrication of advanced photomasks and direct write solutions.</p>
	<p>Herzan provide high performance environmental solutions for precision research instruments (advanced microscopes and other imaging and analytical instrumentation). This includes our acoustic enclosures, vibration isolation systems, Faraday cages, and site survey tools. We specialize in supporting Nanotechnology research and we offer solutions for product testing, in-vitro fertilization, and many other applications.</p>

 HYSITRON	<p>Hysitron® is the world leader in developing Nanomechanical test instruments and has designed cutting edge technology for the scientific community since 1992. As the pioneers of in situ imaging with Nanomechanical property measurement capabilities, Hysitron has developed innovative technology for characterizing surfaces on the nano-scale which include tribology, modulus mapping, dynamic mechanical analysis, nano-scratch testing, acoustic emission monitoring, electrical contact resistance and in situ SEM and TEM nanomechanical testing.</p>
 nanosurf	<p>Founded in 1997, we are a Swiss based high-tech company providing scanning probe microscopes to customers around the globe. Our product range starts with very compact AFM and STM instruments, followed by state-of-the-art research atomic force microscope systems, all the way up to fully customized and comprehensive next level solutions. Our customers in research, industry and teaching value the innovative approach, modularity, and ease of use of our products.</p>
 NKT Photonics the power of light	<p>NKT Photonics is the world's leading supplier of Supercontinuum white light laser sources, Koheras low-noise single frequency lasers, aeroPULSE ultrafast lasers, and photonic crystal fibers with plug and play accessories—all with industrial reliability for 24/7 operation.</p>
 PHYSICAL ELECTRONICS A DIVISION OF ULVAC-PHI	<p>Physical Electronics is a subsidiary of ULVAC-PHI, the world's leading supplier of UHV surface analysis instrumentation used for research and development of advanced materials. Fields of application for our products include: nanotechnology, microelectronics, photovoltaics, data storage, bio-materials and catalysis. PHI's innovative XPS, AES and TOF-SIMS technologies provide our customers with unique tools to solve challenging materials problems and accelerate the development of new materials and products.</p>
 RHEOSENSE, INC.	<p>RheoSense is a leading supplier to the biotechnology, pharmaceutical and emerging protein therapeutics industries. We are experts in Materials Characterization, Rheology and Viscometry with our innovative VROC® Initium, m-VROC™ and microVISC™ instruments. These feature patented Viscometer/Rheometer-on-a-Chip (VROC®) technology that utilizes state-of-the-art MEMS and microfluidics breakthroughs that redefine the viscometry industry and offer capabilities well beyond the limits of conventional viscometers.</p>
 Reichert TECHNOLOGIES Life Sciences	<p>Reichert Life Sciences is a preeminent player in the design, manufacture, sale and service of optical refractometers that are integral to the study and measurable effect of biological interactions. We are a US-based company that produces a comprehensive line of Surface Plasmon Resonance (SPR) systems for this purpose.</p> <p>We've continued to grow our SPR capabilities with distinguishing features that will help you explore the entire dynamics of biomolecular interactions.</p>
 SWISSLITHO AG Innovative Nanofabrication Tools	<p>SwissLitho is a young high-tech company with the vision to change the way nanostructures are commonly made. Our unique nanolithography tools, called <i>NanoFrazor</i>, trace their origins to IBM Research Zurich. The NanoFrazor is based on <i>Thermal Scanning Probe Lithography</i> and is the first alternative to conventional mask-less lithography technologies. The unique features of the NanoFrazor are: High resolution direct write nanolithography, 3D nanolithography at 10 nm lateral & 1nm vertical resolution, In-situ topography imaging and Closed-loop lithography.</p>
 Thermo SCIENTIFIC	<p>Thermo Scientific provides materials characterization solutions that analyze and measure viscosity, elasticity, processability and temperature-related mechanical changes in plastics, food, cosmetics, pharmaceuticals and coatings, chemical or petrochemical products and a wide variety of liquids or solids. Our technology provides molecular and microscopic information about a range of materials with lab-scale extruders and mixers, mini-injection molders, compounders, rheometers and viscometers.</p>



Tornado Spectral Systems (TSS) manufactures optical spectroscopy instruments for sample identification, detection, diagnosis and imaging. An award-winning developer of innovative spectroscopy instruments, which deliver rapid real-time discrimination across a wide range of chemical analysis and process control applications. Revolutionary High Throughput Virtual Slit (HTVS) and HyperFlux PRO Raman series.



WITec is a leading manufacturer of high-resolution optical and scanning probe microscopy solutions for scientific and industrial applications. Our product line features scanning near-field optical microscopy using unique cantilever technology, confocal Raman Imaging and Scanning Electron Microscopy designed for the highest sensitivity and resolution, and Atomic Force Microscopy (AFM) for materials research and nanotechnology. The modular design of WITec microscopes allows the combination of these techniques. WITec innovations in Materials Characterization, Spectroscopy and Atomic Force Microscopy continue to redefine what is possible for a wide variety of optical, structural, and chemical imaging techniques