

Corporate Members

The Society is very grateful for the support it receives from companies. The full listing of Corporate Members can be found here.

Corporate Members

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

[Acutance Scientific](#)

Providing innovative scientific and metrology instruments to the UK market, most especially in electron microscopy and atomic analysis/mapping. Acutance is no one-stop shop, but aims to provide a few highly innovative solutions that break new ground. In addition to distributing innovative products of other companies, we seek innovative ideas to commercialise.

Acutance represents CAMECA in the UK, with near-atomic resolution Atom Probe Tomography, EPMA, SIMS, NanoSIMS, and LEXES.

We were curious to learn that the Evactron TM Decontaminator, so popular in the US and other countries for its stunning improvement on the sharpness of EM images (especially FEGSEM and TEM), is barely known in the UK, and Acutance is very pleased to have the opportunity to present the Evactron product to the UK market.

Klocke Nanotchnik has a uniquely powerful Micromanipulation line, characterised by a philosophy of advanced automation and ease-of-use, offering sensing feedback, automation macros, and rapid product advance with frequent new launches.

Point Electronic GmbH has sold over 1000 EM Control system upgrades onto good columns with obsolete control. Its software and electronics boast formidable and highly competent EM Control capabilities, but again these 1000+ EM control systems have so far been mostly sold so far into other Western European countries. Acutance is planning to introduce this product more widely in the UK.

Zeta Instruments offers a highly innovative 3D Optical Micrometrology tool which boasts a unique capability and accuracy on very difficult surfaces on its extended-depth-of-focus instruments, and an ability to collect surface data that no other technique can.



[Agar Scientific](#)

For all your microscopy accessories and consumable needs

Established in 1972, Agar Scientific has grown into an internationally respected supplier of consumables and accessories for all fields of microscopy, with agents worldwide and an enviable reputation for service and quality. The extensive experience and knowledge of our staff enables us to provide technical support and advice to microscopists from all disciplines. It is this unique understanding of the needs of our customers that has enabled us to grow our product range to over 4000 items, offering a single supplier for most needs. We offer products manufactured onsite by our skilled technicians. We provide products from well-established suppliers such as Kodak, British Biocell International, Dumont, Fischione Instruments and Kleindiek Nanotechnik. We also supply the Omniprobe range of consumables to complement supplies to FIB



users and the Citifluor range of antifadant solutions for fluorescence microscopy.

A core part of our business is the manufacture and supply of replacement filaments and specialist apertures for the majority of electron microscopes. We also produce grids, support films and calibration standards. Furthermore, we have the capability to provide customised solutions.

Full details of our extensive range may be found on our website.

AWE

AWE, the atomic weapons establishment, provides the warheads for the United Kingdom nuclear deterrent. It is one of the largest high-technology research, design development and production facilities in the country.



Bruker UK

For almost 50 years Bruker has been driven by a single goal: to provide the best technological solution for each analytical task. Today, worldwide, more than 4,000 employees in over 90 locations on all continents work towards this enduring vision.

Bruker's drive to develop state-of-the-art technologies and innovative solutions for today's analytical questions remains constant, evidenced by the many product lines that lead their respective markets. With one of the world's most comprehensive ranges of scientific instrumentation available under one brand, the Bruker name is synonymous with excellence, innovation and quality.

Bruker's comprehensive range of microscopy solutions encompasses innovative, non-destructive technologies in Infrared, Raman, X-ray and Atomic Force/Scanning Probe Microscopy.

Bruker's expansive range of microscopy applications include: Materials identification, Pharmaceuticals, Environmental studies, Pathology and histology, Art conservation, Forensics, Biomedicine.

Bruker Optics microscopy systems exploit both Fourier Transform Infrared and Raman spectroscopy, effectively combining both micro-spectroscopy and imaging for the ideal measurement.

Bruker AXS X-ray microanalysis determines the chemical composition of solid samples, thin layers or particles in electron microscopes. Bruker's unique, liquid nitrogen free XFlash® silicon drift detectors (SDD) together with the state-of-the-art hybrid pulse processor technology deliver both the highest possible energy resolution and over ten times the speed of conventional Si(Li) based systems. This technology is now in its fifth generation, powering the QUANTAX EDS energy dispersive X-ray spectrometry systems delivering the fastest data acquisition with the highest resolution of 123eV.

Equally, Bruker's EBSD systems benefit from unique e-Flash detectors designed for speed, sensitivity, flexibility, reliability and high integration, successfully combining information on sample chemistry (EDS) with information on sample structure.

Bruker AXS microscopy also incorporates Atomic Force Microscopes/ Scanning Probe Microscopes (AFM/SPM). Its NANOS range features robust design and ease-of-use, whilst maintaining highest resolution.



Carl Zeiss Inc

Carl Zeiss offers a full line of upright, inverted, stereo and confocal microscopes, image analysis systems and digital cameras for biomedical, clinical and materials microscopy. Zeiss specializes in high-resolution digital imaging systems for demanding applications such as fluorescence, GFP and confocal. Zeiss Vision image analysis software brings new levels of sophistication and ease of use to image processing, archiving and analysis.



Carl Zeiss SMT

At Carl Zeiss SMT - Nano Technology Systems Division we enable our valuable customers to work on the nano scale. Carl Zeiss SMT - Nano Technology Systems Division is a driving force in nanotechnology and consequently for applications in the Semiconductor, Material Analysis and Life Science fields.

As a leading global supplier of nanotechnology solutions we offer complete solutions featuring the latest leading edge EM technology for various applications in industry and research.

Our EVO Scanning Electron Microscopes, SUPRA, SIGMA and ULTRA Field Emission Scanning Electron Microscopes, CrossBeam FIB/SEM's, LIBRA TEM's, and the new Orion He-Ion microscope deliver sustainable value to the Electron Microscopy Community.

Carl Zeiss SMT offers added value by combining the individual strengths and benefits of leading edge Electron Microscopy Solutions with innovative optics and a wide range of versatile instruments.



Carl Zeiss Limited



Cronus Technologies



DIATOME

Diamond Knives - Development, Manufacturing & Customer Service since 1970

What have we achieved in this period?

- ultra 45° the first diamond knife with an absolutely score-free, hydrophilic cutting edge.
- semi the first diamond knife for alternating sectioning ultrathin/semithin.
- cryo the diamond knife for sectioning at low temperature.
- histo the first diamond knife for semithin sections for light microscopy.
- ultra 35° the diamond knife for optimized sectioning results in almost all applications.
- Static Line II the ionizer for eliminating electrostatic charging in ultramicrotomy.
- cryo immuno the optimized cryo diamond knife for the Tokuyasu technique.
- ultra sonic the oscillating diamond knife for room temperature sectioning.
- cryotrim 45 and 20 for optimizing trimming with diamond blades.
- ultra AFM & cryo AFM the first diamond knives for AFM at room and low temperatures.
- cryo 25° for sectioning frozen hydrated specimens.

These developments were possible by the cooperation with you, our valued customers. We are



convinced that our future developments will allow diamond knives to be used for many new applications.

We offer: Technical assistance in all fields of ultramicrotomy, free sectioning tests for all types of samples, many years of experience in perfecting our knives. With a telephone call or an e-mail we can inform you of any details you require.

DIGITAL SURF

Founded in 1989, Digital Surf is a leading developer and supplier of innovative imaging and analysis software for micro- and nano-surface metrology. Digital Surf's Mountains Technology® solutions are compatible with optical microscopes, scanning probe microscopes, single point optical and tactile profilometers, and other measuring and imaging instruments. These solutions provide everything that is needed to visualize and analyze surface data and to create detailed surface analysis reports in accordance with the latest standards and methods.

Integrated by leading instrument manufacturers and used by thousands of research laboratories, industrial facilities and educational establishments worldwide, Mountains Technology® has become an industry standard. Helping researchers engaged in the development of new advanced materials and manufacturers who are responsible for assuring their functional performance and quality, it is used in numerous sectors including aerospace, automotive, cosmetics, electronics (MEMS, PCB, semiconductor), energy, materials science, medical, metallurgy, nanoscience, plastics and printing.

Digital Surf is committed to delivering solutions that conform to the latest standards and incorporate the latest methods. This commitment is reflected in our participation on ISO standards committees, our "Mount Shasta" technical cooperation programme with internationally reputed laboratories, and our continuous innovation.

FEI

See beyond with FEI's leading edge SEM, TEM, ESEM and DualBeam™ solutions. Our 60 year history of pushing the boundaries of microscope innovation has resulted in instruments delivering sub-nm SEM and sub-Å TEM resolution. Whatever your application in materials or life sciences, FEI delivers the highest performance solution, and puts you at the center of a global community of leading researchers and scientists. See beyond at FEI.com.

Gatan UK

Gatan is the industry leader in the research, development and manufacturing of SEM and TEM products.

For TEM, Gatan provides an unrivalled range of high performance digital imaging and analytical systems, especially EELS spectrometers and energy filters (EFTEM). In addition Gatan offers a variety of products to enhance and support STEM analysis. TEM specimen preparation offerings include ion beam thinning, etching, coating, plasma cleaning and cryo-fixation products. A wide range of special-purpose TEM specimen holders provide heating, cooling, straining, cryo-transfer, tomography, specimen rotation and environmental cell capabilities.

For SEM, Gatan are world-leaders in cathodoluminescence (CL) technology and complement this with cooling stages and EBIC products. Gatan's cryo-transfer systems for SEM are used for life science research and product development applications. A range of specialised stages allow dynamic studies within the SEM,



including specimen heating and tensile testing.

Gatan recently introduced exciting new products for 3D microscopy in the SEM : '3View' provides 3D image stacks by 'Serial Block Face SEM' utilising *in-situ* ultra-microtomy and 'XuM' adds a high resolution X-ray microscopy capability to standard SEMs.

Gatan's DigitalMicrograph software is recognized as the industry standard for both TEM and SEM applications. It is widely used by many microscopists worldwide for data acquisition, processing and analysis.

Gatan is striving for continuous product innovations to increase users' productivity and make electron microscopes more effective and powerful tools. Visit the website for complete information on Gatan's extensive range of products for electron microscopy.

Hamamatsu Photonics

Hamamatsu Photonics is a world-leading manufacturer of opto-electronic components and systems and employs over 3000 staff worldwide. The corporate headquarters are based in Hamamatsu City, Japan along with various manufacturing plants and central research laboratories. Since its inception in 1953, Hamamatsu Photonics has expanded to now enjoy a global presence throughout Asia, Europe and North America.

Hamamatsu Photonics' corporate philosophy stresses the advancement of Photonics through extensive research and development. Hundreds of new opto-electronic products are introduced to the market each year and many Hamamatsu products are regarded as state-of-the-art. Hamamatsu sources, detectors and imaging products are designed to cover the entire optical spectrum, from nuclear radiation, x-ray, Ultraviolet (UV), Visible and Infrared radiation. Hamamatsu devices provide solutions for a wide variety of applications including analytical, industrial and medical instrumentation.

Hamamatsu today has four separate product divisions with separate central research facilities:

Electron Tube Division (ETD) - Hamamatsu supplies well over 50 % of all of the Photomultiplier Tubes (PMTs) used worldwide today.

Solid State Division (SSD) - supplies a wide range of products, including semi-conductor optical detectors, sensors, imaging products, modules and light sources.

Systems Division - focuses upon implementation of Hamamatsu's optical knowledge and expertise to produce complete cameras and imaging systems.

Laser Group - The newest division of Hamamatsu specialises in production of high power semi-conductor lasers and laser diode bars.

Hitachi High-Technologies

At Hitachi High-Technologies our primary goal is to provide customers with powerful, dependable and easy-to-use microscope solutions for the advancement of science & engineering. Our technologically advanced solutions in SEM, TEM and FIB are developed through a long-term commitment to research and development, drawing upon the resources of the whole Hitachi group. By employing recognised pioneers and developing long term partnerships with world-renowned authorities in electron microscopy, we are able to provide unique technologies which push the boundaries of science. Our Tabletop Microscope is making electron microscope capabilities accessible to all, whilst key

HAMAMATSU
PHOTON IS OUR BUSINESS

HITACHI
Inspire the Next

technologies such as cold field emission and C_s -correction are making ultra-low voltage imaging in SEM and atomically resolved imaging and analysis in TEM/STEM a practical reality.

Although resolution and instrument performance are of paramount importance to us, we are not satisfied with simply developing some of the world's best electron microscopes. We recognise the need to develop complete practical techniques for specific applications. Close collaboration with our business partners throughout microscopy ensure that Hitachi microscopes provide flexibility and reliable integration of third-party equipment - something we see as key to solving the challenges posed by many of today's novel materials.

When you buy a Hitachi microscope, you'll benefit from a long-term commitment to the highest standards of technical support and back-up. With primary European applications labs in the UK and Germany, plus partner labs and technical staff throughout Europe, you're sure to have the very best local support.

Visit the website to keep in touch with Hitachi's rapidly developing range of techniques and instruments.

[HORIBA Scientific](#)

HORIBA Scientific is one of the world's largest manufacturers of spectroscopic instrumentation. Combining the HORIBA, Jobin Yvon, SPEX, IBH, and Dilor brand names, HORIBA Scientific now offers equipment for emission spectroscopy, fluorescence spectroscopy, micro-Raman spectroscopy, X-ray fluorescence, ellipsometry, particle size analysis and the supply of optical components.

The micro-analytical techniques available from HORIBA Scientific provide spectroscopic analysis on the microscopic level. We provide innovative and state of the art capabilities in micro-sample imaging using: confocal Raman, micro PL/CL, micro-FTIR, micro XRF and micro- TCSPC fluorescence.

[Intertek Caleb Brett](#)

For more than 100 years, companies around the world have depended on Intertek to ensure the quality and safety of their products, processes and systems.

We go beyond testing, inspecting and certifying products; we help customers improve performance, gain efficiencies in manufacturing and logistics, overcome market constraints, and reduce risk. We've earned a reputation for helping our customers increase the value of their products, gain competitive advantage, and develop trusted brands.

Intertek is the industry leader with more than 25,000 people in 1,000 locations in over 100 countries. Whether your business is local or global, we can ensure your products meet quality, health, environmental, safety, and social accountability standards for virtually any market around the world. We hold extensive global accreditations, recognitions, and agreements, and our knowledge of and expertise in overcoming regulatory, market, and supply chain hurdles is unrivalled.

[ionscope limited](#)

Ionscope is the world-leader in Scanning Ion Conductance Microscopy (SICM), a revolutionary new scanning probe microscope (SPM) technique with many possible applications. SICM is used to obtain information at the nanoscale, but unlike all other high-resolution techniques, it is completely non-

The logo for HORIBA Scientific, featuring the word "HORIBA" in a large, bold, blue sans-serif font, with the word "Scientific" in a smaller, blue sans-serif font directly below it.

invasive, thus enabling living cells and their interactions to be readily observed under physiological conditions. The main areas of use are in imaging, giving nano-scale topographical data, patch clamping, quantitative nano-mechanical studies and nano-deposition. The system can also be combined with conventional optical techniques such as confocal microscopy.

SICM is an extremely useful tool in the life-sciences, but also has applications in the physical- and material-sciences. As a relatively new and developing technique, fresh applications are constantly being found. Examples of applications include:

- cellular physiology: cell membranes, individual cells, cell groups and cell interactions
- biochemistry: membrane transport and activation mechanisms
- drug discovery: patch clamping; drug delivery and mediated transport control
- materials: corrosion in marine and process environments; surface chemistry and etching.

ISS Group

The ISS Group is a provider of electron optical systems, solutions and related technologies to visualise and characterise materials from the macro down to the nano scale. Whether this is the supply of the latest instrumentation technology or through training and service support of older systems, ISS offers more than 30 years of experience serving the UK and overseas markets. We represent a number of prestigious manufacturers in the UK and Ireland and continue to grow all aspects of the business.

Our friendly and knowledgeable team is available to help you answer your queries.



Jeol (UK) Ltd

JEOL is proud to be celebrating 60 years of high end instrument sales and support worldwide.

JEOL UK offer sales, support and applications training from our office in Welwyn Garden City, Hertfordshire.

Our instrumentation includes scanning electron microscopes (SEM), scanning probe microscopes, & transmission electron microscopes (TEM). As one of the world's leading suppliers of scientific equipment, we are proud to offer our customers the highest level of sales and technical support maximising their investment in JEOL products.



John Wiley & Sons - Microscopy and Analysis

Microscopy & Analysis, published by John Wiley & Sons, Ltd, is the leading media in microscopy worldwide, offering both a print magazine version as well as multi-faceted online offering.

Published every two months, the print version goes out to a global audience of 46,000+ subscribers, and is available free of charge to all active, professional and academic users of microscopical, analytical and imaging equipment. M&A magazine features articles on a wide range of subject areas, including electron, light and scanning probe microscopy. Our regular product focus contains product and application information on specific areas of microscopy in each issue. M&A publishes dedicated supplements concentrating on key technology areas, which provide readers with a detailed focus on specific microscopy techniques. Supplements are based around the product focus, and also include subject specific articles and product news. M&A's other sections include a diary of upcoming microscopy events, reports from microscopy meetings, book



reviews, Literature Highlights, People & Places and our What's New section, which features new company developments and innovations in microscopy equipment.

M&A also offers a robust online presence, with its newly re-launched website. This includes a rich mix of information, such as webinars and videos, as well as news, tutorials and application notes, via three main channels – one each for SPM, LM and EM/Ion/X-ray. In addition, monthly e-newsletters, one for each of these channels, are available to be subscribed to.

M&A has recently launched its own Facebook group (search for 'Microscopy and Analysis'), which allows members to see reviews and pictures of current microscopy events and conferences, and also serves as a forum to facilitate discussions between microscopists on a variety of topics. You can also now follow M&A on [Twitter](#) for updates on the latest news from microscopy conferences worldwide, updates for the next issue of M&A magazine, and other microscopy events and topics.

JPK Instruments

JPK Instruments develop cutting edge instruments for visualizing and probing biomaterials and their interactions, including single molecules, cells and medical devices. The NanoWizard® II Atomic Force Microscope seamlessly integrates quantitative AFM imaging and spectroscopy with optical and confocal microscopies.

The BioMat™ workstation combines for the first time AFM with high resolution fluorescence microscopy for opaque samples. This enables cell growth on implants and bacterial biocidal properties to be quickly and accurately characterized. Our CellHesion200® system measures cell/cell and cell/substrate interactions, quantifying adhesion and mechanical properties. Applications range from developmental biology to cancer research.

The new Force Robot® automates force spectroscopy acquisition and analysis for high throughput studies of ligand-receptor interactions and molecular unfolding. The NanoTracker™ force sensing optical tweezers system visualizes and characterizes cell/molecule and cell/nanoparticle interactions in real time in 3-dimensions in combination with optical and fluorescence microscopy.



Lambert Instruments

Lambert Instruments offers knowledge and experience in the application of image intensifiers which are of specific need when it comes to gating, modulating and UV to NIR sensitivity. We specialize in the development of - intensified High-Speed CMOS cameras and intensifiers as camera attachments for high-speed & low light level imaging applications where the object itself is emitting light; such as combustion processes (flames & turbines), dynamic phenomena in living cells that emit fluorescence, etc. - complete FLIM system for frequency domain FLIM (fluorescence lifetime imaging microscopy) that is designed to be attached to a standard widefield fluorescence microscope enabling fast and simple FLIM experiments. Intensified cameras enable a very accurate control of the exposure time window or multiple time windows per frame by gating the intensifier. Various applications in science and industry.

Take a look on our website for more information.

Lambert Instruments is dedicated to remain at the forefront of lifetime imaging, high speed imaging and to develop products guided by customer feedback.

Leica Microsystems GmbH

For 160 years now, Leica Microsystems has been following the tradition of pioneering in microscopy. Today, the company is a leading global designer and producer of innovative, high-tech, precision optical systems for the analysis of microstructures as well as of a broad product portfolio for histopathology.

Leica Microsystems is one of the market leaders in the business areas Microscopy, Confocal Laser Scanning Microscopy with corresponding Imaging Systems, Specimen Preparation, and Medical Equipment. The company manufactures a broad range of products for numerous applications requiring microscopic imaging, measurement, and analysis. It also offers system solutions for life science including biotechnology and medicine, research and development of raw materials, and industrial quality assurance. With products of super-resolution, using for example technologies such as 4pi and STED, Leica Microsystems has received various renowned awards. Furthermore, Leica Microsystems brings histopathology labs and researchers the highest quality, most comprehensive product portfolio. The range includes the ideal product for each histology step and high-productivity workflow solutions for the entire lab, supporting better patient care through rapid turnaround, diagnostic confidence and close customer collaboration.

The company is represented in over 100 countries, with 14 manufacturing facilities in 11 countries, sales and service organizations in 19 countries and an international network of dealers.

Leica UK Limited

Leica Microsystems is a leading manufacturer and supplier of high precision optical solutions based on microscopes and related instruments. The company manufactures a comprehensive portfolio of products used in a wide variety of areas requiring vision, measurement and analysis, including applications in the life sciences (such as bio-technology research and medicine) and the material sciences.

Linkam Scientific Instruments

Linkam develops and manufactures a broad range of heating and freezing stages for both OEM and end users to visualize and explore materials properties.

Used in conjunction with light microscopes and other forms of spectroscopy, Linkam stages are found in thousands of laboratories worldwide with the most dynamic and successful microscope heating stage, the THMS600, selling over 3,000 units alone.

Linkam is the market leader in temperature controlled microscopy.

Lilly Research Centre

Eli Lilly and Company is one of the world's largest research based pharmaceutical companies dedicated to creating and delivering innovative pharmaceutical health care solutions that enable people to live longer, healthier and more active lives.

Our research and development efforts constantly strive to address urgent, unmet medical needs and to replace more expensive and invasive medical treatments. As we pursue this goal we endeavour to reduce the cost of disease thereby creating significant value to health care providers and in turn benefits to patients.

Media Cybernetics

Media Cybernetics develop image analysis & processing software used in a wide range of microscopy applications such as neuroscience, pathology, semiconductor inspection, and in quality assurance. The main products lines are Image-Pro Plus and AutoDeblur from AutoQuant. AutoDeblur® offers the most powerful deconvolution tools available for life science research. It enables users to retrieve better data from images using the most complete suite of 2D and 3D algorithms available.

Meiji Techno

Meiji Techno UK is the exclusive distributor for the products of Meiji Techno Co., in the UK & Ireland. Meiji is the third-largest manufacturer of optical microscopes in Japan with a reputation for high quality and fast delivery at a cost effective price. Meiji Techno offers a limited warranty for their products against defects in material and/or workmanship for the lifetime of the instrument. Originally a manufacturer of educational microscopes, Meiji Techno has since extended product lines into the industrial, laboratory, and higher education markets.

Meiji Techno UK offers users a full service and support facility with accessories including illuminators, cameras and software.

NanoSight

NanoSight Ltd, of Salisbury, UK, is the world leading provider of instruments for the optical detection and real time analysis of sub-micron particles in liquids. The Company supplies unique instruments for nanoparticle analysis in the sub-micron region that go far beyond existing light scattering techniques in the characterisation of polydisperse systems. NanoSight delivers direct visualisation of individual nanoscale particles in suspension from which independent quantitative estimation of particle size, size distribution and concentration are immediately obtained. In viral titre assessment, NanoSight produces more accurate concentration results than plaque assay, and delivers them within minutes, validating the results with a unique real-time image.

Founded in 2004, the company currently has more than 200 systems in service worldwide, having begun commercial sales in 2006. The Company has a growing base of users worldwide, including BASF, BP GlaxoSmithKline, Novartis, 3M Corp, Roche, Solvay & Unilever and many universities.

National Physical Laboratory

The National Physical Laboratory (NPL) is the UK's national measurement institute and is a world-leading centre of excellence in developing and applying the most accurate measurement standards, science and technology available. For more than a century NPL has developed and maintained the nation's primary measurement standards. These standards underpin an infrastructure of traceability throughout the UK and the world that ensures accuracy and consistency of measurement.

NPL ensures that cutting edge measurement science and technology have a positive impact in the real world. NPL delivers world-leading measurement solutions that are critical to commercial research and development, and support business success across the UK and beyond.

Good measurement improves productivity and quality; it underpins consumer confidence and trade and is vital to innovation. We undertake research and share our expertise with government, business and

society to help enhance economic performance and the quality of life. NPL's measurements help to save lives, protect the environment, enable citizens to feel safe and secure, as well as supporting international trade and companies to innovation.

NPL employs over 500 scientists in its new laboratory, which is amongst the world's most extensive and sophisticated measurement science buildings.

Nikon UK Ltd

Nikon Instruments is a leading manufacturer in light microscopy and metrology solutions. With over 90 years experience in optical design and a strong core technology group, Nikon has become a truly iconic brand for all types of imaging.

In 1978 the first IVF baby was conceived using a Nikon inverted TMD microscope and in 1996 the first mammal "Dolly" to be born using a cloning technique was again performed with the help of a Nikon inverted microscope. Embracing digital imaging as the future of image capture Nikon, in 1999, introduced the D1 which was the first market-wide professional Digital SLR and, along with the Coolpix, Nikon became amongst the first to bring digital imaging to the world of science and light microscopy. It is quite clear that Nikon have shown a strong historical pedigree in supplying first class imaging tools for a scientific community constantly pushing new research boundaries.

Nikon's philosophy is to meet needs and exceed expectations. We specialise in the development of optical products, building an unbeatable reputation for lens technology and precision optics. We pride ourselves on providing high contrast, high definition, and aberration free images.

By combining these superb microscopy and imaging solutions with state-of-the-art electronics, mechanics and software, Nikon Instruments Division provides the perfect tool for any imaging challenge from groundbreaking research and analysis to routine clinical diagnostics and material measurement. Whatever your imaging requirements, Nikon will revolutionise the results experienced.

Olympus Soft Imaging Solutions

Olympus Soft Imaging Solutions is one of the most successful global providers of solutions for digital image acquisition, processing and analysis of microscopic images. Electron Microscopy is one major integral part of Olympus Soft Imaging Solutions.

Olympus Soft Imaging Solutions develops and distributes a family of products which reflects a carefully considered balance of both customer wishes and the company's own ideas. The continual expansion of our product family is oriented towards issues of current relevance in industrial and research fields. In particular, this includes solutions for the life sciences, materials sciences, semiconductor research and quality control.

Olympus Soft Imaging Solutions' core products are software and hardware solutions: for the acquisition, processing and analysis of images; for documentation purposes; and for report generation – for all types of microscopic imagery. Interfaces to TEM microscopes and motor stages provide the necessary operational control and data read-out. Automated microscopes can be fully remote controlled.

Alongside software development, we have another major emphasis. This is the development of digital

cameras for use in electron microscopy. As with our software, Olympus Soft Imaging Solutions defines specifications, and executes development, production and quality control. Our TEM cameras, such as the MegaView, KeenView, Morada, Veleta, Cantega or Quemesa as well as our software solutions - such as the imaging platforms iTEM for TEM applications and Scandium for SEM applications - have become standard and maintain high market share. Our products have attained a well-respected position on the worldwide electron microscopy market in all areas and applications.

Olympus (UK) Ltd

Olympus (UK) Ltd supplies a full range of microscopy instrumentation, including upright, inverted and stereomicroscopes. The needs of all microscope users can be met, from teaching laboratories to research establishments, with everything from lens tissues to full imaging systems. The product range covers film and digital cameras, together with imaging equipment and software for most applications in Life Science and Industry.

The Open University

The Open University (OU) is the United Kingdom's only university dedicated to distance learning, and was the world's first successful distance teaching university. Our 150,000 undergraduate students learn in their own time, supported by a tutor and student services staff.

There is a wide research infrastructure based at Milton Keynes with many pieces of imaging equipment including FEGSEM, TEMs, AFMs and nanoSIMS. The Interfaculty [Electron Microscope Suite](#) supports research across disciplines in the two faculties of Science and Maths, Computing & Technology. In addition the Suite offers work on a contract basis taking advantage of our wide range of preparative techniques and analytical electron microscopy.

Oxford Instruments (UK) Ltd

1959-2009 Celebrating 50 years of scientific excellence and innovation.

Oxford Instruments celebrates over fifty years which have seen a number of "world's firsts", technology breakthroughs and innovative new products.

It all started in Oxford, when Martin Wood invented the world's first superconducting magnet which directly led to the development of the MRI machine. This resulted in tremendous growth and the company expanded into new technologies and markets.

- 35 years ago, the first X-ray Fluorescence (XRF) bench top spectrometer was launched – the first in a line of successful industrial analysers that still lead the market today
- 10 years ago, the microanalysis division launched a revolutionary new system for looking at the structure and make-up of materials on a scanning electron microscope. Just recently, the world's first large area silicon drift detector, X-Max, was launched, which proved to be its most successful product introduction ever.
- 5 years ago, the world's largest superconducting magnet was delivered to Oxford University.

It now has a global reputation for its technical skills and expertise, focusing its science and technology on providing the scientific and commercial communities with the right tools to support their work. This

expertise includes the creation of low temperature and high magnetic field environments; X-ray, electron and optical based metrology; nuclear magnetic resonance and advanced semiconductor processing technologies.

Innovation has always been at the heart of Oxford Instruments and is the driving force behind its growth and success. There is now a continuous flow of new ideas driven by the demands of the markets and the focus on developing commercially successful products.

Photometrics UK

Founded in 1978, Photometrics is the world's premier designer and manufacturer of high-performance CCD and EMCCD cameras for the life sciences.

The original architect of the world's 1st scientific grade microscopy EMCCD camera, researchers across the globe rely on Photometrics' state-of-the-art imaging instrumentation, including its popular CoolSNAP™, Cascade®, QuantEM® and Evolvecameras to meet their most demanding application requirements.

Quorum Technologies

Quorum Technologies is a leading manufacturer of preparation instruments for SEM and TEM.

The Polaron and Emitech product ranges include cryo systems for SEM; sputter coaters ranging from the compact entry level SC7620 to a multiple head system for 12 semiconductor wafers; carbon coaters for SEM and TEM and high vacuum evaporators. Quorum also manufactures laboratory critical point dryers, freeze dryers, a SEM Peltier stage and a series of compact recirculating heater chillers. The K1050X bench top RF plasma barrel reactor is suitable for a wider range of plasma etching, ashing and cleaning applications.

QImaging

QImaging designs, manufactures and markets high performance digital FireWire and USB 2.0 cameras for imaging in life science and industrial applications.

QImaging specialises in CCD and CMOS digital cameras for demanding applications in quantitative image analysis and high resolution images for publication. Main product brands are Retiga, Rolera and Micropublisher.

Shell Research and Technology Centre Amsterdam

At Shell Technology Centre Amsterdam (STCA) 1,300 researchers and laboratory staff work for international customers in and outside Shell. Research areas include: fossil fuel products (natural gas and oil), developing clean and affordable alternatives from biomass, CO2 storage options, and catalysts that deliver process enhancements and energy savings.

Solent Scientific Ltd

Solent Scientific manufacture a range of temperature controlled environmental chambers for Inverted, Confocal and low Light Level Microscopes, Laser Micro Dissection Systems and Imaging Cytometers.

Sorby Nano Investigation Centre

Delivering advanced microscopy analysis and expertise to commercial and research organisations. At Sorby Nano we offer a full range of micro and nano scale investigation capabilities, which are backed by leading experts in the materials and sample analysis field. Our expertise covers a wide range of industrial sectors from manufacturing, engineering, pharmaceutical, electronics, rail, automotive, aerospace and biomedical.

At Sorby Nano we have an extensive microscopy suite which encompasses the latest world leading optical and electron microscopes. Coupled with our expertise we have the capability to analyse a wide range of samples.

We provide: Microscopy services including optical and electron, cost effective and tailor made solutions to your individual requirements, high quality results and positive recommendations, a dedicated team to work with you and services to improve process efficiency and product quality.

The Natural History Museum

The Natural History Museum (NHM) holds the national collection of over 70 million natural history specimens. The Museum's mission is to maintain and develop these collections and use them to promote the discovery, understanding, responsible use and enjoyment of the natural world. The Natural History Museum is respected world-wide for its scientific work and has long been a leader in the science of systematics and taxonomy. The Museum is providing on-line access to catalogues of scientific collections wherever possible, other catalogues are being added on an ongoing basis.

University of Tromso

Research and studies offered at our university include: marine science, biomedicine, telemedicine, physics, linguistics, multiculturalism, and research related to the Saami and indigenous people. Much of our activities has a focus on Arctic and northern issues.

Veeco

Veeco is a leading provider of Metrology and Process Equipment solutions used by manufacturers in the data storage, semiconductor, wireless, lighting, solar industries. These industries help create a wide range of information, technology and products, such as portable music players, cell phones, PDAs, digital video recorders, backlighting for computers and TVs, architectural and automotive lighting, solar cells and much more. Our products are also critical enabling instruments used in the advancement of scientific research, life sciences and nanotechnology. Veeco's Metrology tools are used to measure at the nanoscale and our Process Equipment tools help create nanoscale devices.

Veeco has long been a pioneer in enabling nanoscience research as we remain at the leading edge of this emerging opportunity by aiding scientists, verifying theories and expanding the frontiers of knowledge. Our atomic force microscopes have become the "industry standards" for atomic imaging and molecular measurements. With the largest installed base of systems, we sell our instruments to nearly every major scientific or research organization worldwide. We also sell a broad array of other metrology and process equipment solutions to research organizations and industrial applications worldwide. Veeco partners with our global customers

to deliver the enabling technology, experience and support they need to succeed around the world and around the clock.

©2012 Royal Microscopical Society
Built on [Cubik](#)

Royal Microscopical Society
37/38 St Clements, Oxford OX4 1AJ, UK
t: +44 (0) 1865 254760 f: +44 (0) 1865 791237
e: info@rms.org.uk w: www.rms.org.uk