



analytica2008

# Show Preview

# LOOK TO TOMORROW

Analytica 2008, Munich, 1-4 April, is set to dazzle us in its 21st year with over 800 exhibitors from 25 countries.

Many of the world's leading manufacturers, suppliers and scientists in the laboratory technology, instrumental analysis and biotechnology fields will be travelling from all over the globe to take part. In the following pages we take a look at a cross-section of some of the exhibitors and products that will be on display this year. For further information and a full exhibitor list go to [www.analytica.de](http://www.analytica.de)

## A. Krüss Optronic - Your Refractometer is Only as Precise as Your Temperature Measurement Is

Using the Krüss refractometer model DR6300-T the temperature is controlled through a built-in Peltier-thermostat allowing a resolution of the refractive index of 0.00001. Due to these thermostatisation possibilities the Krüss refractometers can be used even for applications with samples that are only fluid at higher temperatures like fats, wax or paraffins. The new refractometer series DR6000 from A. Krüss Optronic offers sophisticated features including CFR Part 11 compliance, GLP conformity, SQL database organised storage of all measurement data, network interface with SQL routines and data export via USB flash drive.

Email: [sales@kruess.com](mailto:sales@kruess.com) • Web: [www.kruess.com](http://www.kruess.com)

Hall B1 Stand 250

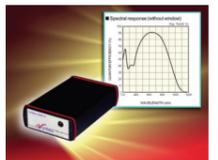


## Avantes - Solutions in Spectroscopy

Avantes is producing, developing and selling products in the field of fiberoptic spectroscopy, such as spectrometers, light sources, software, fiberoptics and accessories. With more than 13 years experience in the field of fiberoptic spectroscopy, new applications can be realised, e.g. in the industrial, chemical, biomedical, semiconductor, foodprocessing, and many other fields. Avantes worldwide distribution network consists of more than 35 distributors. The local distributor will support your specific application with their long-time experience and know-how.

Email: [info@avantes.com](mailto:info@avantes.com) • [www.avantes.com](http://www.avantes.com)

Hall A2 Stand 280



## Adam Equipment - The Right Balance

Adam Equipment, trusted by laboratories and industry manufacturers and suppliers, have offered a full range of quality balances and scales for professionals since 1972. From research analyticals to industrial scales, Adam products can be purchased through a number of distributors that offer service and support. Adam Equipment Head office is located in the United Kingdom and offices worldwide all provide excellent backup service. Adam will be showing their range of precision PW and PGW balances as well as several other products at Analytica.

Email: [sales@adamequipment.co.uk](mailto:sales@adamequipment.co.uk) • Web: [www.adamequipment.com](http://www.adamequipment.com)

Hall B1 Stand 434



## B&W Tek - Biophotonic and Analytical Instrumentation

B&W Tek is a leader in developing and manufacturing biophotonic and analytical instrumentation. As a total solution provider, it serves Life Science and Biomedical communities by providing OED and OEM services. Products including high power, broadband SLD/SLED sources, diode-pumped solid-state lasers, high power diode/fibre lasers, UV/VIS/NIR/fluorescence/Raman spectrometers. B&W Tek is and ISO 9001 and ISO 13485 certified facility.

Email: [info@bwtek.com](mailto:info@bwtek.com) • Web: [www.bwtek.com](http://www.bwtek.com)

Hall A2 Stand 483



## AES Chemunex - Wireless Centralised Monitoring of Temperature and other Parameters

The LABGUARD solution includes real-time alarms and automatic back up functions. The labguard 2 is a monitoring system of temperatures and others parameters: relative humidity, differential pressure, CO<sub>2</sub>, O<sub>2</sub>, dry contacts... The radio transmission of the data from the transmitters to the receivers and the computer avoid any cable. The traceability is completely secured due to the secured database and validation file delivered with the software. Transmitters are operated by battery and main supply (the battery supplies the unit in case of mains supply power cuts) and the data is recorded in each module in case of computer stopping or breakdown.

Email: [contact@aeschemunex.com](mailto:contact@aeschemunex.com) • Web: [www.aeschemunex.com](http://www.aeschemunex.com)

Hall B1 Stand 254



## Bel-Art Products - Tools for Science

Bel-Art Products is a leading manufacturer of products for use in the laboratory. They also serve the industrial, safety, educational science and packaging markets. Their well-known Scienceware® line of convenience items for use in the laboratory consists of a wide variety of time and money-saving products including bags, beakers, bottles, centrifugeware, clamps and holders, containers, graduated cylinders, desiccators, fume hoods, funnels and filters, glove boxes, labels, products for Life Science research, organisers, pipettors, Poxgrid® racks, safety products, Sterileware® sample handling tools, siphons and pumps, Spinbar® magnetic stirring bars, stoppers, trays, tubing and much more.

Email: [jkelly@belart.com](mailto:jkelly@belart.com) • Web: [www.belart.com](http://www.belart.com)

Hall A2 Stand 230/5



## Ankersmid - Particle Size & Shape Analysis

Ankersmid is a leading manufacturer of analytical equipment for particle size & shape analysis. Ankersmid offer decades of particle size & shape analysis knowledge, which has led to the revolutionary 'EyeTech' Particle Size and Shape analysers, Oil Quality Monitor (Oil-Q), On-Line (Oil-In Water) monitor and In-Situ EyeTech Particle Size & Video Probes. Ankersmid are engaged in meeting the needs of their customers, by offering customised solutions for their particle applications from sub-(μ)micron up to thousands of (μ)microns for both dry and wet samples, at Laboratory scale or through On-Line versions for Laser & Video Imaging (On-Line/In-Situ probes).

Hall A2, Stand 570



## Biotek® - Get a Better Reaction

BioTek® Instruments, Inc is celebrating its 40th anniversary as a worldwide leader in the design, manufacture and sale of microplate instrumentation and software including microplate readers, washers, automated pipetting systems, dispensers and software. BioTek's instrumentation is used to accelerate the drug discovery process, to advance discoveries in genomics and proteomics, and to aid in the advancement of life science research.

Hall A3 Stand 330



## Antec Leyden - System Solutions.... Naturally!

Antec Leyden is located in Zoeterwoude in the Netherlands, and has been established since 1990 as a leading manufacturer of electrochemical detectors for liquid chromatography and flow injection analysis. With their ALEXYS 100 LC-EC system Antec Leyden develop solutions for the analysis of biogenic amines, phenols, vitamins, inorganic ions, DNA adducts, amino acids and many other compounds. Through commitment to quality and innovation Antec Leyden has established a global reputation for service and product excellence.

Email: [sales@antecleyden.com](mailto:sales@antecleyden.com) • Web: [www.antecleyden.com](http://www.antecleyden.com)

Hall A2 Stand 121/200



## Büchi Labortechnik - Quality in Your Hands

Büchi is a leading worldwide supplier of key technologies such as evaporation and separation for research laboratories as well as near infrared spectroscopy and reference methods for quality control purposes. Their goal is to sustain a high level of competence in product development, manufacturing and application around these technologies. Büchi know that understanding the customer's situation forms the basis for a successful cooperation. All Büchi products comply with their philosophy of "Quality in your hands". Büchi strive to develop products that are solid, cleverly designed, convenient and easy to use in order to fulfill customer needs to the highest degree.

Email: [buchi@buchi.com](mailto:buchi@buchi.com) • Web: [www.buchi.com](http://www.buchi.com)

Hall A2; Stand: 411



## Chiral Technologies Europe - Chiralpak IC

Chiral Technologies Europe has launched a new Daicel Chiral Stationary Phase - Chiralpak IC. This new phase uses Daicel immobilisation technologies on a novel chiral selector, which results in an extremely versatile and productive chiral stationary phase. Chiralpak IC can use any HPLC solvent for elution and dissolving the sample. This results in practical chromatography for low solubility samples as well as high productivity in preparative separations. Daicel's range of immobilised chiral phases allows a new approach to method development using fewer columns and a defined series of HPLC solvents. The combination of Chiralpak IA, IB and IC can separate > 99% of chiral small molecules at analytical scale.

Email: [cte@chiral.fr](mailto:cte@chiral.fr) • Web: [www.chiral.fr](http://www.chiral.fr)

Hall A2 Stand 413



SUBSIDIARY OF DAICEL CHEMICAL INDUSTRIES, LTD.

## Cambridge Scientific Instruments - Chromatography Instrumentation

CSI have been providing innovative chromatography systems and accessories for over 15 years and will be showing their full range of existing products as well as several exciting new products. These include the 300 series GC, an innovative new design of GC that replaces the conventional air blown oven with directly heated columns, allowing for super fast chromatography, the LC-FID, a new detector allowing the benefits of an FID detector for use with HPLC and the TEA 810, an all new TEA detector that is smaller, easier to operate and service but with the same great performance as previous versions.

Email: [info@camsci.co.uk](mailto:info@camsci.co.uk) • Web: [www.camsci.co.uk](http://www.camsci.co.uk)

Hall B2 Stand 180

CSI



## DataApex - Effective Chromatography Solutions

DataApex will present the latest development in Clarity Chromatography Software. Clarity represents a universal solution for laboratories and is used for data acquisition, data processing and instrument control. A wide range of software modules extends the standard set of features. These include Extensions for GPC, PDA, EA, CE, SST and Controls for GCs, HPLCs and ALSs. A free demo of Clarity will be distributed during the Analytica exhibition. Visit the DataApex booth and get the feel for Clarity – the preferred choice of thousands of chromatographers all around the world. DataApex is an independent software company with long term expertise in developing and manufacturing chromatography data stations. DataApex's products are available through a distributor. Products are available also as OEM versions.

Hall A1 Stand 123



## Endecotts - Particle Analysis Equipment of Outstanding Quality

Endecotts, a leading manufacturer of quality laboratory test sieves are pleased to be exhibiting for the first time at Analytica 2008. Having recently acquired Glen Creston Ltd it combines the experience of a leading manufacturer of laboratory test sieves & particle analysis equipment with a major manufacturer and supplier of materials size reduction equipment. Endecotts were recently granted UKAS accreditation for the calibration of laboratory test sieves, making them the only company world-wide to have both the BSI Kitemark for test sieves to BS 410-1&2/ISO 3310-1&2, which they have held since 1954 & the associated coveted UKAS accreditation. Glen Creston Ltd have over 60 years experience as leading designers & manufacturers of equipment for milling, grinding, mixing, crushing, sampling and size reduction. Qualified staff from both Companies will be on hand to answer any questions you may have and demonstrate their equipment.

E-mail: [sales@endecotts.com](mailto:sales@endecotts.com) • [sales@glencreston.com](mailto:sales@glencreston.com)

Web: [www.endecotts.com](http://www.endecotts.com) • [www.glencreston.com](http://www.glencreston.com)

Hall A2 Stand 124



## Foss - Dedicated Analytical Solutions

FOSS announces a new capsule for the Fibertec™ FiberCap fibre extraction system which simplifies crude and detergent fibre analysis. The new capsule will generate results comparable to the official crucible method (ISO 6865 & AOAC 978.10) used for crude and detergent fibre methods for both feed and forage. This new capsule is also suitable to match the results of the filter paper method (AOAC 920.39) for forage samples. The FiberCap system was originally developed to mirror the official procedure AOAC 920.39 based on filtration using filter papers. The new capsule now extends it to cover all common methods.

Email: [info@foss.dk](mailto:info@foss.dk) • Web: [www.foss.dk](http://www.foss.dk)

Hall A1 Stand 400

FOSS



## Fritsch - Your Specialist in the Processing Laboratory

Fritsch is one of the internationally renowned manufacturers of application-oriented laboratory instruments for sample processing and particle size analysis in research and industrial laboratories. These include laboratory instruments for analytical sample preparation, instruments for particle size analysis and laboratory instruments for optimal sample handling. Fritsch is supported by a network of factory-trained exclusive sales and service agents worldwide, which have been trained in the Fritsch applications laboratory to efficient and competent partners in all questions concerning milling and particle size analysis. Progressive, innovative technology guarantees accurate and exact working results.

Email: [info@fritsch.de](mailto:info@fritsch.de) • Web: [www.fritsch.de](http://www.fritsch.de)

Hall B2 Booth 205/304

FRITSCH



## Heathrow Scientific - Design, Function and Innovation for Laboratories

Heathrow Scientific is pleased to bring design, function and innovation into laboratories around the world. Heathrow manufacture unique and attractive products ranging from colourful storage products to patented instruments. They produce pipetting supplies, various kinds of tube racks, microscopy tools, and several innovative instruments, such as our Rota-Filler 3000® pipet filler, Sprout® Mini-Centrifuge, and eCount™ Colony Counter. Heathrow are introducing the newest member of their Rota-Filler pipetting family, the Rota-Filler™ 5000! It features an adjustable pivot arm that rotates to five positions, and an easy to read LCD display. Heathrow are also thrilled about the release of their unique Arctic Squares® Freezer Rack. There is nothing quite like it on the market!

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Hall B1 Stand 455

Heathrow Scientific LLC



## Hirschmann Laborgeraete - Solutions for the Lab

Since 1964 Hirschmann Laborgeraete has been developing and manufacturing high-quality volumetric glassware, liquid handling products and precision glass capillaries in Eberstadt/Germany. Innovation and the user have always been their top priority. This policy has been certified by numerous awards, such as the iF-Design or red dot design award. The high quality which distinguishes Hirschmann products can be seen right from the early stages, e.g. in the selected raw materials. Hirschmann have been certified in accordance with ISO 9001 for more than 10 years and, in compliance with ISO 14001 environmental management guidelines, since 2004. Hirschmann Laborgeraete currently has more than 100 employees and supplies state-of-the-art products around the globe.

Email: [info@hirschmannlab.de](mailto:info@hirschmannlab.de) • Web: [www.hirschmannlab.de](http://www.hirschmannlab.de)

Hall B1 Stand 260

HIRSCHMANN LABORGERÄTE



## Horiba Jobin Yvon - Explore the Future

Horiba Jobin Yvon introduce the new ACTIVA ICP-AES family for routine and reliable elemental analysis, offering advanced CCD technology, performance, quality, and ease-of-use, while maintaining the strengths of Horiba Jobin Yvon spectrometers and the superior total plasma view. ACTIVA-S is the perfect affordable solution for first-time operators and for routine analysis with defined applications. Quality, simplicity, stability and selectivity make the difference. The complete 160–800nm spectral range provides sophisticated semi-quantitative analysis with reprocessing capabilities. ACTIVA-M (2007 Pittcon bronze award winner) brings ICP expertise to the laboratory via software assistance tools with a variety of applications and/or a high sample load. The strong interaction between advanced instrumental configuration and innovative assistance is the revolutionary concept of ACTIVA-M for true multi-line analysis.

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Hall A2 Booth 441

HORIBA JOBIN YVON



## IDEX Health & Science - Precision Engineered Fluidics

IDEX Health & Science offers highly precise, small-scale fluidic subassemblies custom engineered for instrument manufacturers, plus off-the-shelf supplies and components for laboratory users. Brands include: Eastern Plastics: diffusion-bonded manifolds, machined polymer components, Gast: compressors, vacuum pumps, air motors, Isolation Technologies: advanced HPLC column hardware, Ismatec: peristaltic pumps, Jun-Air: ultra-quiet, clean-air compressors, Micropump: internal/external gear pumps, Rheodyne: high/low-pressure valves, Sapphire Engineering: precision dispense pumps, HPLC components, flow cells, ultra-hard materials, Systec: degassing and debubbling systems, Trebor International: ultrapure diaphragm pumps, chemical heaters, mixers, Upchurch Scientific: formed tubing, tubing assemblies and fittings.

Hall B1 Stand 357

IDEX HEALTH & SCIENCE GROUP

## IMT GmbH - New 'in-vial' Purge and Trap System

IMT GmbH has developed the Versatile Sample Preparator VSP4000 for the analysis of volatile organic compounds (VOCs) in liquid and solid samples. The unique "in vial" purging requires no sample preparation and allows the complete transfer of the purged analyts to the Peltier cooled microtrap. The VSP4000 is characterised by very low detection limits, e.g. vinyl chloride 0.1 ppt, no blank runs, no hot water rinse and brings further advantages like drypurge and pre-desorb. With the maximum sample temperature of 280°C the purge and trap scope is expanded and thermal desorption applications are enabled.

Hall A2 Stand 121/220



## Integra Biosciences AG - Innovative Systems for Biotechnology

Integra Biosciences AG, a leading manufacturer of innovative products for media preparation, liquid handling, sterilisation and cell cultivation applications has chosen Analytica 2008 to preview the new generation FIREBOY, an intrinsically safe and mobile alternative to the traditional Bunsen burner. Operating from a gas cartridge and powered from a rechargeable battery the new robustly designed FIREBOY range can be used where ever you wish, safely. Also on public display for the first time will be the new 30-litre version of MEDIACLAVE, a highly safe and economical system for sterilisation of microbiological media.

Email: [info@integra-biosciences.com](mailto:info@integra-biosciences.com) • Web: [www.integra-biosciences.com](http://www.integra-biosciences.com)

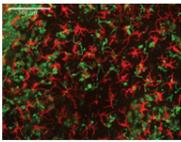
Hall B1 Stand 505

IBS INTEGRA BIOSCIENCES



## Jackson ImmunoResearch - Bovine Anti-Goat IgG (H+L)

Using goat primary antibodies which must be selectively labelled in the presence of bovine IgG? Wish to resolve background labelling due bovine IgG from BSA or dry milk? Then visit Jackson ImmunoResearch Europe in Hall 2 334/4. The New Bovine Anti-Goat IgG (H+L) from Jackson ImmunoResearch ([www.jireurope.com](http://www.jireurope.com)) is absorbed to minimise cross reaction with other species for multiple labelling experiments. Created by immunising a cow host with IgG, resulting in an anti-goat IgG antibody with inherently minimal cross reactivity to bovine IgG. The new bovine anti goat IgG (H+L) is useful for all applications in which goat primary antibodies must be selectively labelled in the presence of bovine IgG



## Julabo - New Products at Analytica

At the Analytica exhibition, Julabo will be presenting a interesting selection of temperature control instruments including Circulators, Chillers, Water Baths and Shaking Water Baths as well as the Highly Dynamic Temperature Control Systems Presto, Forte and Magnum. During the exhibition the visitor will also find some brand new products from Julabo.

Email: [info@julabo.de](mailto:info@julabo.de) • Web: [www.julabo.de](http://www.julabo.de)  
Hall B2 Stand 205/304

# Julabo



## Kinematica AG - Dispersing and Mixing Technology

The new dispersing, homogenising and mixing system POLYTRON® PT 3100 D has been equipped with a complete new and intelligent control system - pure safety at constant speed level also at load changes. A new user interface with foil keyboard and LCD for displaying different process parameters has been incorporated. Three possible operation modes can be chosen for manual (Standard), half automatic (Time) and remote (Auto) work. Therefore the drive unit will be delivered with a standard RS232 interface with software and cable, as well as a port for the connection of the optional available temperature probe.

Email: [info@kinematica.ch](mailto:info@kinematica.ch) • Web: [www.kinematica.ch](http://www.kinematica.ch)  
Hall B1 Stand 534



## Krüss GmbH - Advancing Surface Science

This is the claim and goal of Krüss. For over 50 years Krüss instruments have increased your knowledge about surfaces and interfaces of liquids and solids. The portfolio covers all important techniques for dynamic and static surface tension measurement and ranges from sophisticated and fully automated instruments for research, development and quality control to basic devices for education. An up-to-date development, the high-precision work of our workshop, a world-wide distribution and service and our network of know-how exchange, ensure Krüss keep their position at the forefront of their field.

Email: [info@kruss.de](mailto:info@kruss.de) • Web: [www.kruss.de](http://www.kruss.de)  
Hall A1 Stand 309

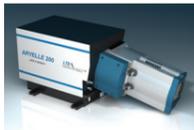
# KRÜSS



## LTB Lasertechnik Berlin - ARYELLE 200 - Small spectrometer with a large wavelength range

With the new ARYELLE 200, LTB Lasertechnik Berlin provides a cost-efficient high-resolution spectrometer for the material/elemental analysis by means of LIBS and Raman spectroscopy. The ARYELLE 200 is an echelle spectrometer with fibre coupling for different CCD, EMCCD und ICCD image detectors. It is characterised by high sensitivity and high imaging quality. It is possible to measure spectra from the UV to the NIR with a spectral resolving power of 5,000 to 12,000. Due to its compact design, it is well suited for the industrial process control, e.g. in the steel, glass and ceramics industry or in pharmaceuticals, chemistry and environmental analytics.

Hall A1 Stand 484



## LTB Lasertechnik Berlin - MNL 112 Marathon Nitrogen Laser - The Workhorse For Bioreaders

120 Hz UV laser source and long lifetime. LTB Lasertechnik Berlin will present its new 120 Hz nitrogen laser at Analytica. Based on the MNL 100, already successfully established in the life science market, it features small beam dimensions of 0.8 x 0.8 mm and efficient coupling of > 80%. Main characteristics are the solid-state switch module for wear-free operation and excellent synchronisation, the sealed cartridge in a novel metal-ceramic technology with a lifetime of > 120 million pulses, the integrated control unit and the small size (314 x 95 x 95mm). Main application fields are Bioreaders, LIF, MALDI-TOF MS, laser micro dissection and LIBS.

Hall A1 Stand 484



## Metrohm - Ion Analysis

Metrohm is established as a global market leader in the fields of titration and voltammetry, and one of the leading innovators in the ion chromatography sector with a high yearly growth rate. Metrohm is the only company providing practically all the relevant ion analysis technologies under one roof: potentiometric and Karl Fischer titration, voltammetry and ion chromatography, pH, ion and conductivity meters, stability measuring instruments, instrument software and method-specific software packages, peripheral units as well as a full range of dosing and liquid handling.

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Hall A1 Stand 105/204

# Metrohm

ion analysis



## NuAire, Inc - Quality and Dependability for the Future

For over 30 years NuAire has been universally recognised as a leader in providing laboratory professionals with reliable products for the most demanding environments. NuAire's mission has always been to develop and deliver innovative products, communicate the latest technologies and product improvements, seek customer satisfaction, and establish trust in both product and personnel. NuAire has a complete line of Life Science Equipment, including: Biological Safety Cabinets, CO<sub>2</sub> Incubators, -85C Ultralow Freezers, Laminar Airflow Equipment, Compounding Aseptic and Containment Isolators, Animal Handling Stations, Air Balance Enclosures, Polypropylene Products and Accessories.

Email: [nuaire@nuaire.com](mailto:nuaire@nuaire.com) • Web: [www.nuaire.com](http://www.nuaire.com)  
Hall B1 Stand 505



## Olympus Microscopy - From Grass Roots to Blue Sky

With European headquarters in Hamburg, Olympus is one of the world's leading manufacturers of professional opto-digital products for medicine, science and industry. As a result, Olympus provides a comprehensive range for all market requirements. From microscopes for training and routine tasks to high-end system solutions in the fields of life and materials science, there is a system for every need. The product line is complemented by innovative laboratory equipment for cellular research applications.

Email: [microscopy@olympus-europa.com](mailto:microscopy@olympus-europa.com)  
Web: [www.microscopy.olympus.eu](http://www.microscopy.olympus.eu)  
Hall A2, Stand 321/420

# OLYMPUS

Your Vision, Our Future



## Plas-Labs - Clearly your best choice!

Since 1967, Plas-Labs has manufactured glove boxes, anaerobic chambers, nitrogen dry boxes, desiccators, isolation and containment chamber, and environmental glove boxes. With over 70 glove box accessories and over 110 distributors world wide, Plas-Labs continues to equip laboratories all over the world. Pharmaceutical laboratories, microbiology and chemistry laboratories, and research facilities are only a few locations applying Plas-Labs' equipment to their important research.

Email: [pli@plas-labs.com](mailto:pli@plas-labs.com) • Web: [www.plas-labs.com](http://www.plas-labs.com)  
Hall B2 Stand 250-2

# PLAS LABS, INC.

World Leaders in Acrylic Containment and Isolation Technology



## Polymicro Technologies - Creative, Innovative Solutions

Since 1984, Polymicro Technologies has provided creative innovative solutions for the analytical instrumentation and spectroscopy markets, as well as in the medical, aerospace, military, manufacturing, and communication industries. Polymicro is a leader in providing capillary tubing and specialty optical fibres worldwide. Their state of the art manufacturing facility and years of experience maximise the production capacity, capabilities, and flexibility. With multiple draw towers, a unique glass laboratory, assembly expertise, dedicated test equipment, lasers and laser technology Polymicro proudly work with their customers in partnership to grow their business. Polymicro is ISO 9001:2000 certified.

Email: [polymicrosales@molex.com](mailto:polymicrosales@molex.com) • Web: [www.polymicro.com](http://www.polymicro.com)  
Hall A2 Stand 335

# Polymicro

TECHNOLOGIES

A Subsidiary of molex



## Radwag - Electronic Weighing Equipment

Radwag manufactures weighing equipment from the most precise balances (d=1 µg, Max: 21g) to high capacity scales, like weighbridges (Max: 60000kg, d=20kg) Their range also includes scales for the meat and fish industry, complex weighing systems, atypical mechanical construction designed for special customer requirements, for example: dosing systems, recipe systems and registration of weighing. Radwag has an extended sales network. This consists of their sales offices in Poland, the USA, Germany, Czech Republic, Russia and numerous authorised distributors all over the world. Radwag exports its goods to over 70 countries worldwide.

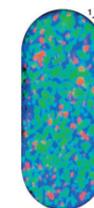
Hall A2 Stand 390

# RADWAG

## Reinshaw Plc - Apply Innovation

Are your Raman maps and images taking too long to complete? Come and see Reinshaw's ultra flexible, high performance inVia Raman microscope at Analytica, at the booth of Soliton. Reinshaw will be demonstrating the new StreamLine rapid Raman imaging system that produces uncompromised data and images with submicron and macro details, at speeds much greater than possible before.

Hall A2 No 574



## Retsch GmbH - Solutions in Milling and Sieving

For decades Retsch has been the a leading expert in the preparation of solid samples for neutral analysis and particle size characterisation. Retsch offer a comprehensive range of the most modern mills and crushers for coarse, fine and very fine pulverisation prior to analysis as well as sieving equipment to precisely determine the grain size. Their sister company Retsch Technology provides innovative, state-of-the-art optical measuring systems for particle characterisation. Retsch maintains a comprehensive sales and distribution network with subsidiaries and agencies in more than 75 countries.

Email: [mk@retsch.com](mailto:mk@retsch.com) • Web: [www.retsch.com](http://www.retsch.com)

Hall A1 Stand 211

# Retsch

Solutions in Milling & Sieving



## Schmidlin-DBS AG - Laboratory Gas Generators

No maintenance Laboratory Gas Hydrogen Generators up to 1000 cc/min flow rate and 10.5 bar (155 psig) pressure for carrier gas and fuel gas application (99.9999% purity). Unique cascading and remote control options for internal backup and bigger flow rates. Laboratory Nitrogen Generators including the newest technology for LCMS application. Membrane and PSA technology. Table top MINI Versions, (99.999% purity). Laboratory Zero Air plus Ultra Zero Air Generators up to 30 litre / min. Height quality Gas Mixers and Gas Calibration systems.

Email: [info@schmidlin-dbs.com](mailto:info@schmidlin-dbs.com) • Web: [www.schmidlin-dbs.com](http://www.schmidlin-dbs.com)  
Hall A1 Stand 250



## Schott Instruments - the First Address for pH Meters

The success story of electrochemical measurement began nearly 70 years ago with the development of the glass electrode at the Jenaer Glaswerk Schott & Gen. Glass know-how was also the idea behind the other measurement processes Schott has pioneered since the 1940s: capillary viscometry and titration. Today, Schott Instruments is a leading supplier of measuring instruments for laboratory and process industry. Their product range comprises of electrodes for laboratory and process industry, benchtop and portable pH, conductivity and D.O. meters, titration systems and burettes, viscosity measurement systems including automatic samplers and glass capillary viscometers and spectrophotometers.

Email: [support@schottinstruments.com](mailto:support@schottinstruments.com)

Web: [www.schottinstruments.com](http://www.schottinstruments.com)

Hall A1, Stand 203/304

SCHOTT  
Instruments



## Sentek Ltd - Electrochemical Sensor Specialists

Sentek was established in 1991, specifically to manufacture a comprehensive range of electrochemical sensors for both laboratory and industrial applications. Products include pH, Reference Electrodes, Steam Sterilisable, Autoclavable pH Electrodes, Metal Electrodes (ORP), Conductivity Cells, Ion Selective Electrodes, Temperature Probes and Dissolved Oxygen. Sentek's manufacturing programme is flexible enough for them to supply probes to suit virtually every meter on the market.

Email: [sentekuk@btconnect.com](mailto:sentekuk@btconnect.com) • Web: [www.sentek.co.uk](http://www.sentek.co.uk)

Hall B2 Stand 330/1



## SG Wasseraufbereitung und Regenerierstation - Pure and Ultra Pure Water Systems

SG Wasseraufbereitung und Regenerierstation GmbH was founded in 1977. They develop and produce RO systems, electro deionisation units and pure- and ultra pure water systems. SG is specialised to develop customer designed systems for all applications. The water production range is from 5 l/h to 10.000 l/h. SG systems serve the analytical field, biotechnology applications and clinical analyser needs. From their headquarters in Barsbüttel, Germany, SG deliver water purification systems around the world. Whatever the requirements in term of quality or quantity – SG has the answer.

Hall B1 Stand 421



## Shimadzu - 40 years in Europe - Enthusiasm for inventions as a Motor for Growth

It was a mini-team starting the Shimadzu Europe company in Germany in 1968. Today, 40 years later, Shimadzu in Europe is a tightly woven network of own subsidiaries as well as sales offices and resellers from the North Cape to Gibraltar, from Great Britain to Russia. They offer customers from a wide variety of industries the entire range of analytical instrumentation systems including software. Just focussing on the new millennium, Shimadzu introduced most sensitive, award-winning and revolutionary technologies in gas and liquid chromatography, mass spectrometry, sum parameter, weighing systems, and spectroscopy. An enthusiasm for R&D and new technologies has paved the way to success for Shimadzu being entirely within the tradition of Genzo Shimadzu, honoured as one of Japan's 10 most successful inventors.

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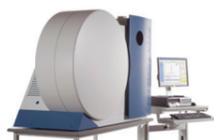


## Spectro - Specialists in Analytical Technologies

Spectro is one of the worldwide leading suppliers of analytical instruments for optical emission and X-ray fluorescence spectrometry. As a unit of Ametek Materials Analysis Division, Spectro manufactures advanced instruments, develops the best solutions for strongly varying applications and provides exemplary customer service. Innovation, instrument concerns and customer relations are its main activities. From its foundation in 1979 until today, more than 28,000 analytical instruments have been delivered to customers around the world. Spectro Analytical Instruments is a unit of Ametek, Inc a leading global manufacturer of electronic instruments and electromechanical devices with annual revenues of more than \$2.1 billion.

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## Spex CertiPrep - Sample Preparation Equipment and Certified Reference Materials

Spex CertiPrep Ltd Certified Reference Materials (CRM) Division offers an unparalleled selection of inorganic standards for AA, ICP, ICP/MS and IC, organic standards for GC and GC/MS, and a range of products for proficiency testing environmental analyses. Their Sample Preparation Division has a full range of laboratory mills, presses, and pellet dies, plus fusion fluxers, XRF sample cells and window films, as well as PrepAid® binders and grinding aids. Their Solid Reference material division has a wide range of Solid and Matrix based Certified Reference Materials to customers worldwide. The Spex GSRM catalogue contains a range of over 8000 RMs and CRMs sourced from over 100 producers across the globe.

Hall A2 Stand 430



## tec5 AG - High-Speed, Industrial UV/VIS and NIR Spectroscopy with Expanded Spectral Data Buffer

For in-line quality and process control, fast data acquisition and high dynamic ranges are required. tec5 AG introduces the new MultiSpec™ 1M series of fast spectrometer systems and OEM electronics which cover these requirements with rates of up to 1000 measurements per second and 16 bits dynamic range. An expanded spectral data buffer improves reliability of data transfer to the PC via high-speed USB. MultiSpec software offers modules for chemometrics, film thickness, colour evaluation and process communication. SDKs for C++, Visual Basic and LabVIEW available.

Hall A2 Stand 355



## Thermo Scientific - Moving Science Forwards

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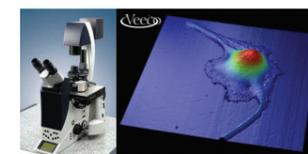
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## Veeco Instruments - Combining Atomic Force with Optical Microscopy

Veeco Instruments offers a comprehensive suite of Atomic Force Microscopes (AFMs) for life sciences. Whether your research calls for high-resolution imaging of cells or single molecules under physiologically conditions, measurements of intra- or intermolecular activities or mechanical properties of cells like elasticity or stiffness, Veeco has the high performance AFM to accommodate your needs. Especially powerful, the BioScope II AFM was designed for optimum integration with optical microscopes of choice offering an efficient combination of AFM and advanced optical microscopy contrast techniques including phase, DIC, fluorescence, TIRF and confocal imaging.

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## Watrex Prague, Ltd - HPLC Instruments and Accessories

Watrex is an innovative company producing HPLC instruments, columns and accessory. The Company builds on extensive experience and knowledge of HPLC techniques and polymer chemistry. It facilitates a range of co-operation with other producers, in some cases, exceeding HPLC scope. One of their most important collaborations was with Amersham Biosciences (now GE Healthcare) resulting in Caddy robotic plate loader, developed for DNA sequencer. At this time, the instrument has passed demanding tests at Craig Venter's TCAG sequencing facility. Co-operation with SSI / LabAlliance resulted in production of dual and quaternary head (Q-grad) LC pumps, SCU-460/470 Keypad Controller or Gradient software and Sample Cleanup System (SCS2000).

This experience led to a full range of their own LC pump production, including standard single- and dual- head pumps, built-in computer programmable pump and slave satellites, all in analytical and preparative, metal or PEEK version. Watrex produces 150-200 pumps annually and is actively seeking new OEM partners.

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## Witeg Labortechnik Technik GmbH - Laboratory Equipment Manufacturers and Suppliers

Witeg develops, manufactures and supplies a wide range of laboratory products, made from glass and plastic, as well as liquid handling instruments of the highest precision. Their products are designed to make the job of our customer easier, faster and safer. With Witeg volumetric measuring instruments - dependable results will only be possible, if the volumetric instruments employed for the sample preparation are equally accurate and reliable.

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## WLD-TEC GmbH - Safety Enhanced Laboratory Gas Burners

The Fuego SCS from WLD-TEC represents a new status among laboratory gas burners. With its innovative design, microprocessor control and extensive standard features, this laboratory gas burner is suitable for all flame related applications in the laboratory. Benefits include a simple and safe operation with either foot pedal or touch free IR-Sensor and top rate safety due to the safety control system SCS. Applications from 1 second to 2 hours are possible and it has the convenience of an easy-to-read display. It has an additional safety feature in the double click IR-sensor and reliable radio communication for wireless foot pedal operation. As well as the aforementioned a wide range of accessories and gas cartridge systems are available.

Hall B1 Stand 300



## WTW - Laboratory & Field Instrumentation and On-Line Instrumentation

Founded in 1945, WTW has taken a leading position in the design and production of superior quality water testing instrumentation. WTW offers a complete line of laboratory and handheld pH, ORP, conductivity, D.O. and BOD/respirometry measuring instruments, turbidity meters and (spectro)photometers with reagents.

The reliability and versatility of WTW analysers for Ammonia, Phosphate, Nitrite and Nitrate have established WTW products as industry-standards worldwide. Today the innovative IQ SENSOR NET system for up to 20 measuring points with digital sensors represents the state of the art in process measuring systems.

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