

analytica 2012

APRIL 17–20 | NEW MUNICH TRADE FAIR CENTER

Show Preview

by Gwyneth Astles

The 23rd International Trade Fair for Laboratory Technology, Analysis and Biotechnology, held at the New Munich Trade Fair Centre, promises to be the most exciting to date. Analytica 2012, 17 – 20 April, is anticipating nearly 1000 exhibitors from 37 countries, 37% of them international. 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.

New for 2012 is the premier of 'Live Lab', where sections of analytica halls B1, B2 and A3 will be transformed into genuine laboratory environments. International companies will present their equipment in live operation on laboratory benches. Daily experiment presentations will inform visitors about developments in the fields of forensics and clinical diagnostics, plastics analysis, and food and water analysis

Exhibition Director Katja Stolle said: "By introducing the Live Labs, we are establishing new elements that allow visitors to exchange information about products and discuss specific applications with manufacturers under actual working conditions directly at the fair."



Analysis has also become an indispensable factor when it comes to searching for evidence and ultimately catching criminals. However, besides being important in forensics, modern analysis techniques and molecular-biology methods are also essential in clinical diagnostics. Live Lab will allow visitors to gain insights into the latest developments such as doping and respiratory-gas analysis. One of the highlights is an appearance by Germany's best-known criminal biologists, Mark Benecke, on the first day of the fair. He will use DNA analysis to draw conclusions on fictitious crimes and criminals.

how safe foods are. Analysis techniques have long been an indispensable part of quality control, where they are used to characterise and quantify pesticides and toxic residues. Experts will explain the effects that chemicals have on people and the environment and the role that the interdisciplinary development of equipment systems and methods plays in the environmental sciences.

Modern and functional materials are now used in many branches of industry – from medicine to electronics and the automotive industry. Live Lab on plastics analysis revolves around polymer analysis and examines developments in the fields of sample preparation, permeation measurements and blend analysis.

The Live Lab initiative is supported by Agilent, Analytik Jena, Andreas Hettich, Bernd Kraft, BioTek, Bruker, Carl Zeiss, Elga, Eppendorf, GE Healthcare, Gilson, Hirschmann, Hohenloher, HT-CON Unternehmerberatung, Mettler Toledo, Netzsch, Q-LAB, Retsch, SGE, Shimadzu, Waldner and Waters. In addition, the Bavarian State Office for Health and Food Safety (LGL) and the Institute for Water Chemistry and Chemical Balneology at TU Munich provide technical assistance to the Live Lab on food and water analysis, and the Live Lab on plastics analysis enjoys the support of the German Plastics Institute.



In addition to the extensive exhibition showcasing all of the products and developments for analysis laboratories that are currently on the market, and the Live Lab premier, visitors can also look forward to the analytica Conference that is held on the first three days of the exhibition. In a series of various symposia, leading scientists from around the world will report on the latest developments, current trends, and visions of the future. They will discuss analytical, diagnostic, biochemical and molecular-biology methods and up-and-coming techniques.

In the following pages we take a look at a cross-section of some of the exhibitors and products that will be on display at analytica this year. For further information and a full exhibitor list go to www.analytica.de



Photos courtesy of AlexSchelbert.de

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Hall B1 Stand 121/220

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analytica Munich, Germany April 2012 Hall B1 Stand 442

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Circle no. 119

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The Company's product quality reflects their commitment to satisfy their customers. Adam Equipment remain true to their mission of creating balances and scales that offer speed, performance and value. Headquartered in England, Adam has offices in the United States, South Africa Australia and China. For more information, visit the Company's website.

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Hall B1 Booth 442

AGILENT TECHNOLOGIES

Agilent CrossLab is a growing portfolio of supplies for non-Agilent gas chromatography systems, enabling users to ease their procurement burden for a mixed fleet of instruments by reducing the number of vendors while obtaining high quality products. Labs running systems from Bruker/Varian, Perkin Elmer, Shimadzu, Thermo Scientific and others can now order autosampler syringes, vials and closures, inlet septa, inlet liners, inlet O-rings, column ferrules, and column nuts among other components. These include Agilent's Ultra Inert inlet liners, designed for accurate analysis of active compounds at nanogram levels, even with glass wool. For more information, visit www.agilent.com/chem/crosslab.

Web: www.agilent.com/chem/crosslab



Hall A2 Stand 105/206

AMS SYSTEA GROUP

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Web: www.ams-systea.com

Hall A1 Stand 406

ADVANCED CHROMATOGRAPHY TECHNOLOGIES LTD

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Hall B2 Stand 215

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Further enhancing the options available to the analyst are two programs for GC/MS data-mining, ClearView and TargetView, also produced by Almsco International.

Email: enquiries@almsco.com
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Hall A2 Stand 125

ANALYTIK JENA AG

Analytik Jena has a long tradition in developing high quality analytical systems which dates back to the inventions made by Carl Zeiss. As a corporate group with worldwide operations, the company possesses great competence in instrumental analysis (AAS, HR-CS AAS, AFS, UV/Vis/NIR, sample preparation, sum parameter analysis, elemental analysis of C/N/S/Cl, water determination, analysis of antioxidant capacity), bioanalytical instruments and laboratory information management systems (LIMS). Along with comprehensive laboratory software solutions, the company's broad product range consists of elaborate service programs and device-specific consumables for laboratories. Analytik Jena provides quality 'made in Germany' together with optimum customer service & support.

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Hall A1 Stand 211/310

ANTON PAAR GMBH

Anton Paar GmbH was established in 1922 as a one-man locksmith's



workshop. Today, over 1,300 employees worldwide develop, produce and distribute high-quality measuring instruments for the determination of properties such as density, temperature and viscosity as well as high-precision mechanical parts and assemblies. Anton Paar has strong links with universities and research laboratories worldwide. The Company is owned by the Santner Foundation, which invests in research in the field of science and technology as well as in the rehabilitation of drug addicts.

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Hall A2 Stand 110

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Bio-Rad provides a wide range of laboratory instruments, apparatus, and consumables used in research, in functional genomics and proteomics. Areas of biological research that the Company support can be categorised into 5: Cell Biology, Digital PCR, Genomics, Proteomics and Food Safety.

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Hall B1 Stand 504

BRUKER AXS GMBH

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Hall A2 Stand 331/432

AVANTES BV

Avantes is a leading manufacturer of fibre optic spectroscopy instruments and systems with almost two decades of experience developing customer-defined spectrometer configurations.



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Biosigma is an ISO13485:2004 certified Italian company specialised in the production of optical cuvettes, biotechnology products (cryoGen tubes and storage boxes) and various CE Marked plastic consumables. Expertise and accuracy has made Biosigma one of the preferred OEM contractor for the major diagnostics industries.



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Hall B2 Stand 435

BRUKER OPTIK GMBH

Brüker Optics, part of the Brüker Corporation, is a leading manufacturer and worldwide supplier of Fourier Transform Infrared, Near Infrared and Raman spectrometers for various industries and applications. Brüker entered the field of FT-IR spectroscopy in 1974. The early instruments set new standards in research facilities. Since then, the product line has been continuously expanding with instruments suitable for both quality control and research applications with exceptional performance characteristics.



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Hall A2 Stand 331/432

BERTIN TECHNOLOGIES

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Hall A1 Stand 333-430D

BIOTEK INSTRUMENTS, INC

BioTek Instruments, Inc, a family-run organisation and founded in 1968 is a global leader in microplate-based solutions that increase the productivity for customers engaged in healthcare, pharmaceutical, agricultural and research applications. BioTek is completely focused on microplate instrumentation, automation and software.



Featured product at the booth is BioTek's new, cutting edge 405™ Touch Microplate Washer which boasts a high-resolution touch screen with simple protocol creation and execution for enhanced user functionality. Additionally, two integrated USB ports allow multiple users to create and store custom protocols. It provides the same industry-leading features as BioTek's popular ELx405 Microplate Washer.

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Hall A3 Stand 330

BUCK SCIENTIFIC

Since its inception in 1970, Buck Scientific has designed, manufactured, supported and sold a wide range of analytical instruments from its Norwalk, CT headquarters in the USA. Buck Scientific products are renowned for their solid build and simplicity of operation. Today they manufacture and sell new instruments including Atomic Absorption, Infrared and UV-VIS spectrophotometers along with their HPLC and GC lines.

Buck is committed to the success of its customers, delivering unsurpassed customer service and technical support. The Company offers extensive services including, worldwide installations, customer training and product seminars. For a free consultation call or email Buck Scientific.

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“32,061 visitors
from 126
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CDS ANALYTICAL

CDS Analytical is a leading manufacturer of GC and GC-MS injection systems including thermal desorption, purge & trap, pyrolysis and headspace. CDS expands the applicability of the GC platform by allowing solvent free analysis of organic solids, liquids and trace level VOC's in any matrix including air, water and polymers.

New this year is our micro-reactor pyrolyser system. It allows the user to study multiple parameters, such as temperature, pressure, background gas and catalysts, on a micro scale. The system is used to study biomass source material, oils, coal and catalysts, and can easily connect to any brand of GCMS.

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Hall A2 Stand 132

ELLUTIA

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Hall A1 Stand 133

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Chiral Technologies Worldwide, a global leader in enantioselective chromatography, serves pharmaceutical and other life science industries and offers the largest portfolio of chiral stationary phases (CSPs) and analytical and preparative chiral columns for the separation of racemic mixtures into single enantiomers. The company also provides analytical method development and custom separation services. Chiral Technologies Worldwide serves the European market through Chiral Technologies Europe SAS (Illkirch, France) and the North American market through Chiral Technologies Inc (West Chester, Pa.), both wholly owned subsidiaries of Daicel Corporation. Learn more at their websites.

Email: cte@chiral.fr
Web: www.chiral.fr,
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Hall B2 Stand 427

EPPENDORF AG

Eppendorf's product highlight is the brand new Mastercycler nexus family, the new PCR instrument which sends status emails.

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Hall B1 Stand 203/304

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Hall B1 Stand 121/220

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Hall B1 Stand 411

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Hall B2 Booth 106

GILSON INTERNATIONAL BV DEUTSCHLAND

Gilson, a leader in LC purification and sample management, manufactures instrumentation and software that enable their customers to safely purify and accurately manipulate their valuable samples.



Gilson products range from Prep HPLC, to automatic liquid handlers for Sample Clean-up by GPC and SPE, dilutors and pipettes. At Analytica Gilson will present their new pipette PIPETMAN® L, which is one of the latest Gilson innovations based on ergonomics, comfort and traceability research. The Company's new single point of control automation software Trilution LH and new small Liquid Handler GX-241 will be shown during Analytica 2012.

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Hall A2 Stand 123

“One of the noticeable trends at analytica 2010 was the considerable increase in the number of international visitors”

HELLMA GMBH & CO KG

With 90 years of progressive technology and experience in the manufacturing of cuvettes made from quartz and glass for all optical analysis applications, Hellma Analytics knows what the needs of today's scientists are. In addition, Hellma provide a variety of other successful products such as traceable certified reference materials (standards) to ISO 17025 for UV/Vis to meet all validation requirements; fibre-optic probes and flow cells for PAT and UV/Vis or NIR spectroscopic measurements of liquids and solids and also high precision products for micro volume analysis. A worldwide service is guaranteed through Hellma Analytics subsidiaries and distributors.

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Hall A1 Stand 314



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ANALYTICA
17–20 April 2012
BOOTH B1. 427

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Circle no. 122

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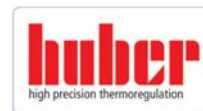
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Hall B1 Stand 231

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Hall A3 Stand 521

IKA-WERKE GMBH & CO KG

The world's first patent pending Tube Mill control is a batch mill with disposable grinding chambers. The mill eliminates possibility of cross-contamination and the effort of cleaning.

IKA



The grinding chamber and cover are made of a transparent material so grinding tests can be observed at any time. The mill can be used for hard (Mohs hardness up to 3), dry and brittle materials.

During development of the mill, particular emphasis was placed on security. The mill will only start when the hood is closed.

Hall A3 (Live Lab Forensik & Klinische Diagnostik)

Email: olga.wieber@ika.de
Web: www.ika.com

Hall A3 Stand 270/lv

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our expectations
completely. We had
more leads than the
last time that the
fair was held, in
2008, including
plenty of concrete
inquiries”*

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Circle no. 123

INFOTEAM SOFTWARE AG

infoteam Software AG develops system software for industry automation, life science and healthcare sectors. The company was founded in 1983 and now has 140 employees worldwide. It specialises in the development of interactive software tools as well as embedded systems for use in medical devices for analysis and diagnostics and laboratory automation. infoteam Software's customers include leading manufacturers based in Europe, the USA and the Far East from the fields of medical engineering and automation.

The Company's activities in the medical engineering sector focus on the development of editors for automated laboratory tests. Its professional, high-quality work guarantees the highest possible level of safety in an industry where this is so critical. In 2007 and 2010, infoteam was awarded supplier of the year by Siemens Healthcare MR.

infoteam contributes strongly to the SiLA (Standardization in Lab Automation) initiative as a founding member.

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Hall A3 Stand 251/350

“analytica is one of the most important trade fairs in Europe for the acquisition of new customers and cultivating ties with existing customers”

INGOS SRO



Ingos – Laboratory Instruments Division is a Czech producer of various laboratory instruments with longstanding tradition.

Over 40 years of experience hand in hand with cooperation with specialists allows the Company to design and produce reliable and solid devices with low running costs and are, of course, in accordance with environmental policy and ISO certificates. Ingos presently offers a multitude of products across a wide range of fields, as well as meticulous, responsive service and after sales support. Ingos believe that their high quality products and services will satisfy their customers' needs worldwide.

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Hall A2 Stand 345C

IONBENCH™



IonBench™ manufacture benches for mass spectrometry (LC/GC/MS) & elevating UHPLC benches. Mass Spec IonBench™ products integrate MS peripherals, a built-in vacuum pump noise reduction enclosure and protect turbomolecular pumps by reducing vibration by 99%. There is up to 30% savings in laboratory space allocation. Solidly built lockable casters simplify moving the system. IonBench integrated vacuum pump enclosure reduces noise emissions by 75% down in perception. UHPLC IonBench™ tables, on caster wheels, can be easily lifted up or down by commuting a switch, for a convenient & safe access to the top of your UHPLC.

Email: contact@ionbench.com
Web: www.ionbench.com

Hall A2 Stand 120

INTEGRA



Integra is a leading provider of high-quality laboratory tools for liquid handling, media preparation, sterilisation and cell cultivation. Visit booth 401 to see our full product range including our 2 new microplate dispenser products: VIAFLO 96 - a 96-channel handheld electronic pipette that enables the simultaneous transfer of samples into well plates. It is designed like a standard handheld pipette and thus needs no special skills or training to operate it and VIAFILL – a ground breaking new product that delivers high performance bulk reagent dispensing, multichannel pipetting and microplate washing capabilities all from a single multipurpose instrument.

Email: info@integra-biosciences.com
Web: www.integra-biosciences.com

Hall A3 Stand 401

JULABO LABORTECHNIK GMBH



Julabo was founded in Germany in 1967. The Company represents innovation and competence in the field of temperature control technology for demanding applications. Julabo instruments with advanced control technology are used anywhere that high temperature precision or rapid reactions to temperature changes are required. More than 400,000 Julabo units installed around the world demonstrate a high level of acceptance among users in research and industry. Julabo has earned its place as one of the world's leading firms in the field of temperature control solutions through its dedication to quality, German engineering, and rapid, competent support provided by local contacts.

Email: info@julabo.de
Web: www.julabo.de

Hall B2 Stand 201/302

INTERNATIONAL LABMATE LTD



For over 38 years, International Labmate has been providing manufacturers of scientific equipment with ideal platforms to market their products. Various markets are covered by each publication title: International Labmate, Labmate UK & Ireland, Lab Asia, Chromatography Today, International Environmental Technology, Asian Environmental Technology, Petro Industry News, Measurement Analysis China and Pollution Solutions.

The company also provides a variety of other successful platforms for reaching the scientific community including the exhibitions WWEM (Water, Wastewater and Environmental Monitoring), Mercury 2013, CEM (Continuous Emissions Monitoring) and the AQE (Air Quality and Emissions) show and online platforms such as E-Bulletins, banner advertising and Electronic Direct Marketing.

Email: info@intlabbmate.com
or sales@intlabbmate.com
Web: www.labmate-online.com

Hall A1 Stand 106

LABEXCHANGE GMBH

Labexchange is the world's market-leading trading company for used and brand new laboratory and analytical equipment of all brands. www.labexchange.com is the associated Labexchange® web-portal where equipment can be both purchased and offered. Thousands of devices for laboratory with the corresponding product information are offered there. Sold units of the brand Labexchange® are tested and will be delivered to the customer with the Labexchange® functioning guarantee.

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Hall A2 Stand 313/412

LABOGENE APS

LaboGene Aps of Denmark are a company with a heritage of over 40 years experience in the design, manufacture and servicing of equipments for the medical & scientific research communities. Innovation of design, quality of construction, reliability of performance and energy saving concepts are all encompassed in their established brands and marques. ScanLaf Clean Air; Class 2 microbiological safety cabinets & enclosures: ScanVacFreeze dryers; centrifugal evaporators: ScanSpeed Bench top; floor standing centrifuges-Low-Medium-High Speed models: ScanCell-Caron CO₂ incubators; environmental and plant growth chambers: ScanShake orbital shakers/mixers: ScanConstruct; bespoke laminar flow enclosures and containment areas.

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Hall B1 Stand 360

LIEBHERR / COOELECTRIC LTD

Leading refrigeration experts, Liebherr, are excited to be exhibiting their premium range of Mediline appliances at this year's Analytica. They'll launch three new -45°C freezers and present new innovations for 2012 including high-capacity laboratory refrigerators and freezers with Profi-electronic controllers and pharmacy refrigerators compliant to DIN 58345. ATEX certified models will feature alongside new features including on-board data logging, pre-drilled access ports and self-closing doors. The Mediline range runs on hydrocarbon refrigerants and all models are tested to NF 15 140 using state-of-the-art manufacturing and test procedures. All models are covered by a 2-year parts and labour warranty as standard.

LIEBHERR
COOELECTRIC LTD



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Web: www.myliebherr.co.uk

Hall B1 Stand 312

LOVIBOND TINTOMETER

The Lovibond® brand of colour measurement is recognised internationally for its accuracy in the colour analysis of liquids and solids including: edible, industrial and fuel oils, chemicals, pharmaceuticals, beverages and foodstuffs. The instruments and ISO17025 certified reference materials comply with international test methods and standards such as ASTM, DIN, AOCS and ISO. The new technical concept from Lovibond® Tintometer® saves time, cost and the environment. With the PFXi instruments, users benefit from the capabilities of Remote Calibration and Management Service via internet (RCMSi). The company also provides reflectance colour measuring systems and software for quality control and colour prediction.



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Web: www.lovibond.com

Hall B1 Stand 500

MAASSEN GMBH SPECTROSCOPY

Maassen GmbH, a leading manufacturer and supplier in spectroscopic accessories and sample treatment equipment for AA, ICP, UV-VIS, FT-IR and XRF with experience over the past 30 years, expands its premium line of products. See the advanced 2012 Quartz and PTFE acid cleaning systems, even more productive as before. The new 2012 range of hydraulic presses and easy to use DIE sets for XRF and FT-IR simply fast and reliable.

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Do not miss the Maassen GmbH booth at Analytica.

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Hall A2 Stand 212

Huber Revises its Low Cost Heating and Cooling Thermostats for Laboratory Applications

Huber has replaced the low cost MPC thermostats with new, improved models. The controllers have a new design and now offer an RS232 interface as standard. Additionally temperature control has been improved, now providing a continuous resolution of 0.1°C, over the entire temperature range.



MPC thermostats are ideal for many laboratory applications including samples, analysis, materials testing, or, for external control of instruments and experimental setups. The MPCs achieve a temperature stability of $\pm 0.05^\circ\text{C}$ and are equipped with an over-temperature and low-level protection conforming to safety Class III / FL (DIN 12876) for use with flammable liquids.

The pump achieves a performance of 20 l / min, 0.2 bar (pressure side) and 17 l / min, 0.18 bar (suction side). The MPCs have a temperature range from 200°C to -30°C. Accessories such as test tube racks, height adjustable platforms, bath covers, sensors and hoses and adapters are available.

More information is available in the catalogue, available to download at www.huber-online.com, or by calling +49 (0) 781 9603-0.

Circle no. 124

New Hoses for Optimum Heat Transfer

New temperature control hoses with a smooth inner bore for faster heating and cooling times.

Huber, a leading manufacturer of temperature control systems has extended their portfolio with new temperature control hoses. The new hoses feature a smooth inner wall which, when compared to conventional hoses with corrugated insides, optimise flow characteristics, heat transfer and heating/cooling times. Tests with different reactor systems in combination with Unistats have shown that heating and cooling times can be reduced by 30% depending on the application. These insulated hoses are suitable for working temperatures from -60°C to +260°C and are available in different lengths: 100, 150, 200 and 300cm. The double-sided connections (optionally available in M24/30/38 x 1.5) allow the hoses to be directly connected to reactor systems, autoclaves, synthesis or distillation apparatus.



More information can be found in the latest catalogue or requested free by calling +49 (0) 781 9603 123.

Circle no. 125

We have been very pleased with the outcome of analytica 2010. It is an important European meeting for Millipore

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Analytica B2, 311/414
Achema 4.2, B49



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Circle no. 126

MALVERN INSTRUMENTS

Malvern Instruments' new Mastersizer 3000 laser diffraction particle size analyser will make its Analytica debut on Stand No A1 Stand 320.



This state-of-the-art, small footprint instrument is designed for smart particle sizing, delivering precise, high-resolution wet and dry sample measurement from 10 nm to 3.5 mm.

New sample dispersion units provide a solution for every application, including the dry dispersion of fragile particles, while simple intuitive software drives user-defined measurements and simplifies method development.

Visitors can also see the Mastersizer 3000 in action in the polymer section of the Analytica Live Lab in Hall B1 throughout the show.

Email: salesinfo@malvern.com

Web: www.malvern.com

Hall A1 Stand 320

MARKES INTERNATIONAL LTD

For over a decade, Markes International has been a world-leading specialist



manufacturer of analytical thermal desorption (TD) instrumentation and sampling equipment. Markes' comprehensive portfolio of products is designed to automate and enhance the measurement of trace-level VOCs and SVOCs in real-world samples. Key applications include environmental monitoring, material emissions testing and defence/forensics. Markes also has the widest range of TD consumable products on the market.

Highlighted at Analytica 2012 will be the CIA Advantage for automated canister analysis.

Email: enquiries@markes.com

Web: www.markes.com

Hall A2 Stand 126

MEINTRUP DWS LABORGERÄTE GMBH

Meintrup DWS Laborgeräte GmbH will again exhibit at Analytica in Munich this year. Meintrup's

portfolio ranges from sophisticated scientific instruments for microbiology, cell culture and tissue engineering to devices for laboratory monitoring and the determination of water activity. One focal point this year is the TEB1000, an incubator with integrated pumps providing the ideal environment for developing tissue cultures under flow conditions. The Novasina water activity meters will also be shown at the stand. Swiss precision work has led to the newest development in the sector of water activity measurement – LabTouch – innovative design, absolute accuracy and user-friendly handling.



Email: elke.hearn@meintrup-dws.de

Web: www.meintrup-dws.de

Hall B1 Stand 451

At analytica 2010 in all we had more leads than in 2008, so we expect post-fair business to be very promising

MERCK MILLIPORE

Merck Millipore is the Life Science division of Merck KGaA of Germany and offers a broad range of innovative, performance products, services and business relationships that enable our customers' success in research, development and production of biotech and pharmaceutical drug therapies. Through dedicated collaboration on new scientific and engineering insights, and as one of the top three R&D investors in the Life Science Tools industry, Merck Millipore serves as a strategic partner to customers and helps advance the promise of life science. Headquartered in Billerica, Massachusetts, the division has around 10,000 employees and operations in 67 countries.



To find out more about Merck Millipore at Analytica 2012 please visit:

www.merckmillipore.com/analytica

Hall A1 Stand 408

MP BIOMEDICALS EUROPE

MP Biomedicals is a worldwide corporation committed to the development, manufacturing and marketing of life science and diagnostics products. The Company is dedicated to providing scientists and researchers with the most innovative and highest quality tool, combined with superior service to help them in their quest for ground-breaking discovery and turning the hope for life-changing solutions into a reality.



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Hall B2 Stand 204

METROHM

Metrohm will present new instrumentation and applications at Analytica 2012.



Metrohm is a market leader in titration and voltammetry and a leading manufacturer of instrumentation for ion chromatography, online analysis and laboratory automation. Metrohm supports its customers with unparalleled application know-how and service.

Metrohm is the only company offering solutions for all varieties of ion analysis: potentiometric and KF titration, voltammetry, ion chromatography, pH, ion, and conductivity measurement as well as stability measurement.

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Hall A1 Stand 101/202

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Hall B1 Stand 510

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Email: info@microsaic.com

Web: www.microsaic.com

Hall A2 Stand 240

OLYMPUS EUROPA HOLDING GMBH

As a market leader in microscopy and imaging, Olympus has developed a complete range of microscopes and accessories to provide peerless solutions for any application, from entry-level screening to high-end research. At the forefront of both life science and material science, Olympus will be exhibiting a number of its products at Analytica, the FV10i confocal laser scanning all-in-one microscopes, the advanced SZX2 stereo microscopes, and the LEXT OLS4000 measuring confocal laser scanning microscope.

Web: www.microscopy.olympus.eu

Hall A2 Stand 311/410.

OPTIMIZE TECHNOLOGIES INC

Optimize Technologies offers a complete line of innovative components and replacement parts for UHPLC, HPLC and LC/MS systems.

Core products include: EXP® (UHPLC) Fittings, Filters, Trap Columns, Guard Columns and Analytical Columns; OPTI-GUARD® Guard Columns; OPTI-PAK® Traps Columns; OPTI-SOLV® Filters; OPTI-LYNX™ Quick-Connect Filter, Trap and Guard Column solutions; Instrument Replacement Parts: OPTI-MAX® Check Valves, OPTI-SEAL® Seals, Pistons and Autosampler components.

New products include EXP® Nano fittings, High-Resolution Nano traps, Nano Filters and Analytical Column Hardware. All EXP® products feature hand-tight holders and EXP® Titanium Hybrid auto-adjusting, reusable ferrules - rated to 20,000+ psi (1,400+ bar).

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Hall A2 Stand 139

RETSCH TECHNOLOGY GMBH

The new CAMSIZER XT uses Dynamic Image Analysis for particle characterisation, a method which is superior to sieving and laser diffraction in its resolution, precision and reproducibility and which delivers additional detailed particle shape information.

The design of the Camsizer XT is optimised for analysing fine particles from 1µm to 3mm. It offers various possibilities of feeding the sample to the measurement volume thus providing for each material the optimum between the desired dispersion of the agglomerates and the undesired destruction of the individual particle. Options include dispersion by air pressure, by gravity or in liquids.

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Web: www.retsch-technology.com



Hall A1 Stand 203

POREX TECHNOLOGIES GMBH

Porex is a leading OEM developer and manufacturer of



porous plastic materials, porous PTFE and porous polymer fibre. At Analytica, Porex is featuring the new BioDesign™ Glass Fibre membrane, functionalised and bio-activated porous media and the Pure Porex™ certification program.

Porex materials and products are design optimised for use in demanding life science, liquid handling and molecular applications. Porex offers unique configurations and performance characteristics to help deliver precision, accuracy and reliability in challenging filtration, separation, extraction, and purification procedures. Porex can support your next product innovation and turn ideas into reality.

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Hall A3 Stand 563

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Employing German engineering and manufacturing quality for both hardware and software, Seal is a technology leader in colorimetric analytical solutions for a broad spectrum of analytes and Analytica 2012 will provide a great opportunity for visitors to see the Company's latest innovations.



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Hall A1 Stand 514

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To continue a remarkable evolution, Sedere introduces the new SEDEX LT-ELSD Model 90. SEDEX 90LT results from a novel detection technology and provides outstanding performances such as Picogram Level Sensitivities, Overall Direct Linearity, Broad Dynamic Range, Excellent Efficiency and Response Consistency. Thus, SEDEX 90LT brings to the chromatographers the Ultimate High Performance aerosol-based detector for truly universal solutions.

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Hall A2 Stand 231

Retsch TECHNOLOGY

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“*At analytica 2010 the halls were bustling with activity, and this year the biotechnology sector was a genuine highlight*”

SHIMADZU DEUTSCHLAND GMBH

Shimadzu is one of the worldwide leading manufacturers of analytical instrumentation. Its equipment and systems are used as essential tools for quality control of consumer goods and articles of daily use, in health care as well as in all areas of environmental and consumer protection. Chromatography, spectroscopy, environmental analysis, balances, biotechnology and material testing make up a homogeneous yet versatile offering.



As a market leader in UV-VIS-NIR spectroscopy, Shimadzu has launched the UV-2600/2700 series of research-grade scanning UV-VIS spectrophotometers and celebrates the 60th anniversary of UV in 2012.

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Web: www.shimadzu.de

Hall A1 Stand 501/502

TELEDYNE LEEMAN LABS

Teledyne Leeman Labs is a leading supplier of instruments for elemental analysis including Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), DC Arc Spectrometers and Mercury Analysers for both solid and liquid analysis. During Analytica 2012, Teledyne Leeman Labs will announce their latest in a series of high performance Hg analysers, the Hydra II Series. The Hydra II Series is designed to be a dependable lab work horse and the only commercially available Hg analysers to offer the ability to convert from one mercury analysis technique to another. For more information visit the Company's website.



Web: info.teledyneleemanlabs.com/Hydra-II-Hg-Analyzers/

Email: LeemanLabsinfo@teledyne.com or Salesinfo@teledyne.com

Web: info.teledyneleemanlabs.com/Hydra-II-Hg-Analyzers/

Hall A1 Stand 419

SOCOREX ISBA SA

Socorex ISBA SA is a Swiss manufacturer of precision liquid handling instruments. Electronic and manual micropipettes, repeaters, dispensers, pipette controllers, automatic syringes, pipette tips and accessories constitute the core of the programme. The most ergonomic and high performance Acura® manual pipette line is particularly attractive to laboratories demanding state-of-art features at budget-conscious prices. Instruments operate under standards such as ISO 8655, GLP, GMP. Each model passes a strict quality control, attested by an individual QC certificate.



For more information simply step-by at the Socorex stand at Analytica.

Email: socorex@socorex.com
Web: www.socorex.com

Hall B1 Stand 521

THERMO FISHER SCIENTIFIC INFORMATICS

Thermo Fisher Scientific, a world leader in serving science, has unveiled Thermo Scientific CONNECTS Suite for the Paperless Lab, a combined methodology, technology and services offering that transforms laboratories into tightly integrated paperless environments. CONNECTS Suite™ leverages existing investments in software systems, databases and laboratory instrumentation from a wide variety of commercial vendors to bridge the islands of data generated in labs, transforming that data into information that can be access in real-time across the enterprise. CONNECTS Suite improves regulatory compliance and data integrity while saving time and costs by automating processes and reducing manual data handling.



Email: marketing.informatics@thermofisher.com or informatics@greenough.biz

Web: www.thermoscientific.com/paperlesslab

Hall B1 Stand 101/202

THERMO FISHER SCIENTIFIC

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Web: www.thermoscientific.com

Thermo Scientific Hall B1 Booth 101/202
Fisher Scientific Hall B1, Booth 111/210

THERMO SCIENTIFIC (PART OF THERMO FISHER SCIENTIFIC)

Thermo Scientific Gallery Plus discrete photometric analyser realizes time and cost savings in food, beverage and water testing and quality monitoring. Hosting various powerful features, like simultaneous analysis of several parameters from one sample, real-time reagent monitoring and automated dilutions, the high-capacity bench top Gallery Plus enables very rapid analysis times and low cost per analysis. Being fully automated, Gallery Plus is easy to operate, and it offers superior analytical performance for colorimetric, enzymatic and electrochemical measurements. Gallery Plus is supported by 40 ready-to-use Thermo Scientific system reagents providing a total system solution for industrial and environmental analysis.



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Web: www.thermoscientific.com/galleryplus

Hall B1 Stand 101/202

ST JAPAN-EUROPE GMBH

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For better handling your samples ST Japan offers innovative micro sampling tools such as unique knives to section non-embedded biological & industrial materials into thin samples for microanalysis, microscope stages to hold round samples, films and fibres, a revolutionary probe to pick up static, magnetic, soft and scratch sensitive micro samples.

Stop at their booth to win a spectra database or your favourite sample preparation tool!

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Hall A2 Stand 403

Visitors at the GE Healthcare stand included a number of users from the pharmaceuticals industry, the biotechnology sector and research institutes

THERMO SCIENTIFIC (PART OF THERMO FISHER SCIENTIFIC)

Thermo Scientific NanoDrop Lite, a compact, personal UV-Vis microvolume spectrophotometer that complements full-featured NanoDrop™ 2000/2000c and NanoDrop 8000 instruments. It's small enough to fit in a drawer, but powerful enough to help accelerate life science workflows related to sequencing, PCR/qPCR, protein isolation, antibody production, HLA typing and other applications.



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Hall B1 Stand 101/102

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UVP offers a wide range of BioImaging Systems for genomics, proteomics, plant and in vivo imaging applications. Systems include BioDoc-It® for basic gel documentation to advanced, automated BioSpectrum® System for chemiluminescence, fluorescence, colorimetric imaging. New ChemiDoc-It®TS2 Imager with integrated computer, touch screen and cooled CCD camera is designed for chemi Western blot and fluorescence gel imaging. UVP makes a large selection of ultraviolet handheld/bench lamps, UV transilluminators, UV crosslinkers and cabinets plus UV PCR hoods and hybridisation ovens. UVP manufactures Pen-Ray light sources in standard mercury, rare gases and specialty configurations. Products are available through a worldwide dealer network.

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Hall A3 Stand 120

“analytica gives us the opportunity to demonstrate the breadth and depth of Thermo’s product portfolio to an audience specifically focused on technical advances in the life sciences and laboratory technology sector”

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Hall B1 Booth 341

International Labmate
look forward to welcoming you to **Analytica 2012.**

Hall A1
Stand 106

What's next

What will be the industries' analytical needs tomorrow? What technological systems will meet them best? What will be the most challenging analytical problems to solve? What product and specification demands will be required?

Creative talent and the spirit of innovation always have been Shimadzu's driving forces in steadily improving consumer and product safety. A proven track record of many "industry's firsts" technologies have pushed the development in analytical instrumentation and enabled new applications and findings. In this way, our customers achieve new analytical dimensions.

Shimadzu R&D designs tomorrow's solutions – today. In close cooperation with clients and markets worldwide the company scouts trends and expectations and transforms them into high-performance solutions for academics and applications.

So, what's next? As always, the leading top-notch solution to give our customers the competitive edge – that's next.

Past



GC-14A



LC-6A



TOC-5050A



UH-200A

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AA-7000



TOC-L



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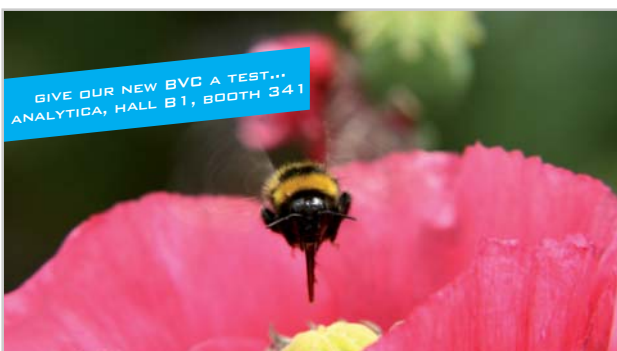
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WYATT TECHNOLOGY

Wyatt Technology Corporation, the world leader in absolute macromolecular characterisation instrumentation and software, will be showcasing the innovative zeta potential instrument, the Möbius™. Developed to provide high-throughput and high-salt measurements of electrophoretic mobility, the instrument expands capability and helps increase efficiency in the laboratory.

Used alongside Wyatt's Dynamics™ software, the Möbius enables automated measurement of multiple samples in addition to achieving accuracy in high-saline conditions when used in conjunction with Wyatt's Atlas™ hardware.

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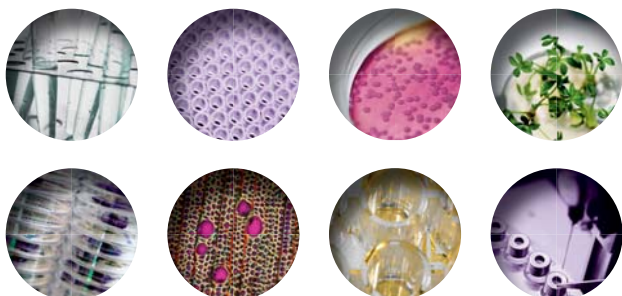
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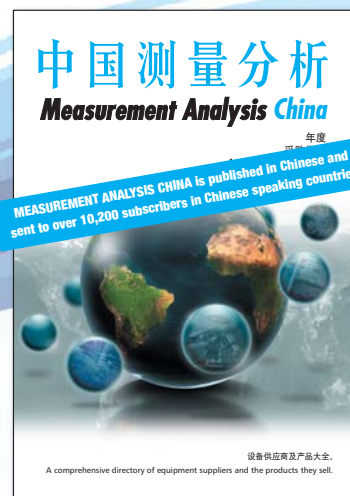
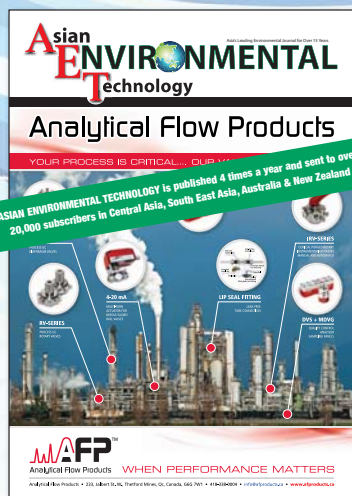
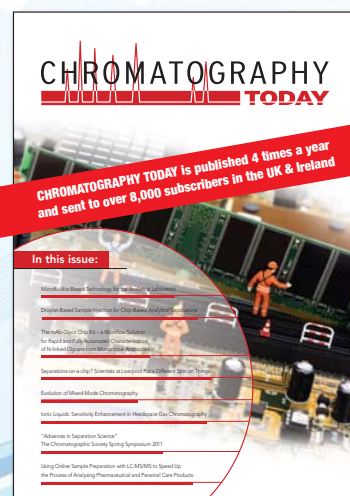
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