

EXHIBITORS



CAMBUSTION

World Headquarters

Cambustion Limited
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Cambustion specialise in the development, sales and technical support of our fast response HC, NO_x, CO&CO₂ and particulate analyzers. These are used to measure engine exhaust emissions on millisecond timescales and provide real time data during engine transient operation (e.g. cold start HC measurement).

The product range includes:

HFR500 - HC Analysers for engines and HC Analysers for atmospheric sampling
CLD500 - NO_x Analyser
NDIR500 - CO & CO₂ CO_x Analyser
DMS - Fast Particulate Spectrometer
SPR -Spark Plug Resistance Monitor



Dekati Ltd

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Dekati Ltd. is a leading manufacturer of real-time aerosol measurement instruments and sampling devices. We provide solutions for automotive, combustion, pharmaceutical and material processing industries, and also for indoor and outdoor particle measurements. The company product line ranges from real-time instruments such as the Electrical Low Pressure Impactor (ELPI) to different types of gravimetric impactors and complete sampling systems. The broad range of instruments gives us a definite edge to solve any and all of your fine particle measurement and sampling problems.





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Ingenieurbüro Norbert Derenda

The engineering company Norbert Derenda was founded by Norbert Derenda M.Sc. in Berlin-Charlottenburg in 1972.

Together with the federal health authority we developed a dust sampler which after a short while became standard and entered the legal requirements of various authorities. For example: Requirements of VDI and TA-Luft.

In their publications our company is mentioned as the manufacturer, the constantly improved dust sampler and the accessories were entered in 1999 as reference sampler into the European official rules (CEN).

Apart from the reference equipment we also develop specific devices for dust- or gas collecting techniques according to customer's specification.

Owing the expansion of the European Community our products are increasingly used in the European partner states.



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The company GRIMM Aerosol Technik GmbH & Co. KG has been established over 20 years ago by Dipl.-Ing. Hans-Jürgen Grimm in Bavaria/Germany. Meanwhile, GRIMM Aerosol Technik is one of the worldwide leading companies in the field of particle measurement due to their innovative developments and manufacturing. The company offers a product range of complete solutions for emission and immission monitoring, IAQ/workplace safety, nano particle counter and sizer, filter testing and aerosol generators. The products and technologies are used in different applications, such as environmental monitoring, indoor air quality, engine emission testing, pharmaceutical, epidemiological studies and quality control.



KÁLMÁN SYSTEM LTD.

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The Kálmán System Limited Liability Company for Development Manufacture and Marketing of Instruments for Environment Protection was established as an independent enterprise in 1988 for implementation and marketing of the own patents for air and gas sampling instruments elaborated since 1973. The main activity of the firm is development and production of isokinetic samplers for emission measurement, immission air samplers, cascade impactors and different gas samplers. These devices are combined with a PC controlled data gathering and acquisition unit which provide automatic measurements during a long period. We had a special focus on the new design of dust samplers, PM10, PM2,5, PM1 preseparatorators integrated with isokinetic dust sampling measuring circuits. Our newly developed special air and gas samplers are available for studying radioactive aerosols.



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MLU is a European specialist group with decades of experience in building air quality monitoring networks and turn key solutions for authorities, industry and research using advanced analytical technology. For PM measurement MLU is partner of Rupprecht&Patashnik and DEKATI. Thus, MLU covers all needs from PM10 (2.5) measurement with the continuous microweighing TEOM[®] to on-line discrimination between volatile and non-volatile PM fractions with the FDMS[®] Filter Dynamics Measurement System, real-time particle size distribution using ELPI[®] Electronic Low Pressure Impactors and all kind of aerosol samplers.



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Precision Mechanisms		Mechano-Welding Structures	
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Equipment, components, and tooling for Aeronautical and Space Industry		DMA Systems and Nanoparticles	
Equipment and Tooling for Automotive Industry			



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Sunset Laboratory Inc. specializes in the analysis of air pollution for carbon aerosols. As well as performing the analysis, Sunset Laboratory also designs and provides instruments which do this analysis of carbon aerosol both lab-based and semi-continuously in the field. In 2000, Sunset Laboratory broke new ground with the introduction of a semi-continuous, real-time, in-situ carbon aerosol field instrument. The time-resolution capability and laser-based pyrolysis correction techniques of this instrument provide a dynamic addition to existing technology with refined information about particle origins, health exposures, and changes in air quality.

- Carbon Aerosol Analysis Lab Instrument
- Sample Analysis of OCEC Quartz Filters
- Anodized Aluminum Denuders
- Analog Interface Boards



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Technoorg Linda Ltd. Co. is the one of the world's leading manufacturers of instruments and technologies to extend the operation of ion technology based specimen preparation and depth profiling. Technoorg Linda's products are fully compatible with all brands of electron microscopes and cover the entire range of the thinning process from prepreparation to ion milling and endpolishing. Our customers represent the complete spectrum of end users of material science instrumentation typically found in industrial, governmental and academic research departments and laboratories. The applications are suited for many purposes in the fields of Material Research, Geology, Semiconductor and Optical Industry, like multilayer systems, semiconductors, diamond, composite materials, metals, ceramics, glasses, rocks and minerals. The Technoorg Linda brand name is respected throughout the leading scientific community and has been synonymous with high-precision instruments and world-leading quality of endpolishing.



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Topas GmbH is a technology-orientated company which develops, produces, services and does the engineering of products in the field of particle technology. The priority is put on the aerosol generation, particle size characterization and test stands for filters, separators and filter media.

Products:

Laser Aerosol Particle Size Spectrometers, Condensation Aerosol Generators and Atomizer Aerosol Generators, Process Aerosol Monitors, Dust Generators, ASHRAE Dust Dispersers, Electrostatic Aerosol Neutralizer, Pore Size Meters, Filter Test Rigs, Micro Sieves



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TSI is the world's leading developer and manufacturer of innovative equipment for aerosol scientists investigating a wide range of applications. We deliver high quality solutions for particle characterisation from a few nanometers up to hundreds of microns. At this year's EAC we are proud to introduce many new developments and additions to our product lines; including the world's first commercially available water based CPC. We look forward to meeting friends old and new at our exhibition booth.



URG

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URG now offers the Ambient Ion Monitor (AIM) for the continuous direct measurement of particulate nitrate, nitrite, sulfate, and phosphate contained in PM_{2.5}, with optional measurements to include ammonium, sodium, calcium, potassium, and magnesium. Our outdoor/indoor monitors for simultaneous speciation of acid aerosols, particles, gases, organics, inorganics, and trace metals found in PM_{2.5}, PM₁, and PM₁₀ include the Annular Denuder System, Versatile Air Pollutant Sampler, and Mercury Sampler.



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With the growth of air pollution and the World's requirement to understand it's effects, Westech has developed a range of aerosol and particle sampling instruments for a range of markets, including:

- Ambient & Indoor Air Quality
- Bio Aerosol
- Inhaled Drug Pharmaceutical
- Chimney Stack Emission, including Long Term Dioxin Monitor
- Aerosol Science & Research

Our aim is to find solutions to applications, we are able to achieve this with our engineering expertise in aerosol science.