



Twintec Baumot Group, is a global specialist in the area of exhaust after-treatment, and your partner for reducing exhaust emissions.

Founded more than 20 years ago and having accumulated extensive experience in the areas of drive technology and diesel engine overhauls, Baumot has developed its core competency in application management of innovative exhaust after-treatment systems. Operating 13 distribution and service centers on three continents, Baumot is your partner when it comes to progressive, reliable and economical solutions to reduce exhaust emissions, both for first installations and retrofit solutions.

www.baumot.ch

Visit us at booth No. 9



Cambustion's world-leading range of aerosol and gas instrumentation continues to expand with the launch of the Aerodynamic Aerosol Classifier (AAC), a novel instrument for classifying aerosol particles according to aerodynamic diameter, without charging artefacts.

Cambustion's products include the CPMA for classifying particles by mass-to-charge ratio. Combined with our Unipolar Diffusion Aerosol Charger (UDAC) the CPMA can form a mass concentration standard.

The DMS500 offers 10Hz electrical mobility size/number spectra between 5nm-2,500nm, with integrated dilution making it ideal for both ambient and high concentration sources including engines, brake particles and biomass burning. Traceable calibrations are included for soot and spherical/compact particles.

www.cambustion.com

Visit us at booth No. 13



Catalytic Instruments is a German company specializing in the production of innovative aerosol instruments based on "catalytic stripper (CS)" technology. Our booth exhibits examples of CS instruments for various flow rates with different form-factors.

For unique applications, Catalytic Instruments will work with the customer to provide individual solutions.

www.catalytic-instruments.com

Visit us at booth No. 1



Clean Air Enterprise is the leading company for improving the air condition in energy dense buildings. We offer room comfort, environmental quality, capacity and sustainability.

Increasingly poor outdoor air, more conscious demands for high indoor air quality as well as climate change are special challenges for the ventilation industry. Compact building shells must be ventilated. Limit exceeding ozone caused by summer smog calls for an additional filter stage with activated carbon. In order to increase the indoor air quality, the right filter stage is necessary, which causes additional costs for filters, service and energy.

www.clean-air-enterprise.com

Visit us at booth No. 8



CPK has for many years specialized in the development of environmental solutions, chiefly in the field of automotive technology. Our main line of business is the development and production of systems for monitoring and controlling the after treatment of engine exhaust gases. We supply tried and tested systems for large commercial and industrial vehicles. CPK provides Systems for the OEM and retrofit market.

CPK Automotive, Gildenstr. 4c, 48157 Muenster, Germany.

www.cpk-automotive.com

Visit us at booth No. 10



Dekati Ltd. has provided high quality instrumentation for fine particle measurements successfully for over 20 years. Our measurement solutions include complete fine particle measurement setups including both sample conditioning and particle detection for <math><10 \mu\text{m}</math> particles.

The highlights of our product line include the ELPI®+ product family that enables real-time measurement of particle size distribution 6 nm-10 μm from up to 180 °C and in up to 500 size channels. The latest addition to the Dekati® product line is the Dekati® eFilter™ that combines standard gravimetric filter measurement and real-time detection in one compact instrument.

www.dekati.com

Visit us at booth No. 15



Innospec's dynamic Fuel Specialties business leads the market in innovative additive technology.

Our team has been at the forefront of the innovative Fuel Borne Catalyst (FBC) technology for many years with technical expertise, on-going investment in Research & Development and worldwide sales and distribution networks.

Adding a FBC to your engine's fuel is the most reliable and effective way to regenerate diesel particulate filters (DPF). With our unique range of fuel treatments you can completely regenerate a DPF and keep it working efficiently under normal driving conditions, without increasing secondary emissions, especially NO₂.

www.innospecinc.com

Visit us at booth No. 7



JING Ltd is a Swiss company for real soot particle generating techniques and provides different types of high-performance soot generators for calibration, filter test, research activities and more.

The JING soot generators use gaseous and liquid fuel to produce soot and can be designed in nearly any size to fit special requirements on the particle characteristics and output (low and high mass). The best known product lines based on JING's techniques are CAST and miniCAST. Since 1999 products of JING have been doing its service for companies and universities in many countries. For special applications JING also provides individual solutions.

www.sootgenerator.com

Visit us at booth No. 4



We are a spin-off company of the institute for aerosol and sensor technology of the university of applied sciences northwestern Switzerland, and build on a decade of experience in nanoparticle instrumentation development.

Our philosophy is to keep things simple - in engineering, simple automatically means robust. We strive to build instruments that are simpler to use and need less maintenance than traditional nanoparticle detectors.

Our new product the partectorTEM is an ultra-portable nanoparticle surface area dosimeter with integrated TEM sampling for workplace and exposure monitoring. It is also suitable for environmental monitoring or airborne measurements.

www.naneos.ch

Visit us at booth No. 14



Palas® GmbH Partikel- und Lasermesstechnik

Karlsruhe / Germany

With over 60 patents submitted, Palas® has set the standard in aerosol and particle technology for more than 30 years. Through continuous innovation, we achieve extraordinary quality and durability in our products. The result is unique technical and economic advantages for our customers. Palas® has established itself as a global market leader in the fields of aerosol generation, aerosol dilution and aerosol particle measurement technology.

Our core competencies are for example: Filter test systems, Aerosol spectrometer systems, Fine dust monitoring systems, Nanoparticle measurement technology, Particle generation systems, Dilution systems, Calibration systems.

www.palas.de

Visit us at booth No. 5

Paul Nöthiger Electronic

The company Paul Nöthiger Electronic has been developing Datalogger for particle filter monitoring since 1995. The further development of our Datalogger is now available with GSM modem, Lambda measurement (1 - 21% O₂), Bluetooth 4.0 and RS-232 interface! Through our many years of experience, we know the requirements of our customers and have always been able to specialize in the latest technologies.

pne@pop.agri.ch

Visit us at booth No. 2



The Tehag Group is composed of the legally independent companies Tehag Engineering AG, Tehag Deutschland GmbH and Tehag Inc. in the USA. As a result of our decentralized structure, we are able to respond to the needs of our customers taking into account the specific conditions of each market.

We offer our products from mufflers to particulate filters and SCR-Systems, as well as complete exhaust gas cleanup systems for many different applications. We are able to offer appropriate emission control facilities meeting the needs of the customer as an initial installation or retrofit, for practically any type of engine or vehicle. Long-term successful relationships with our key suppliers enable us to have a short supply chain for strategic raw materials and purchased parts. Our highly developed fabrication expertise as well as good supplier relationships guarantee a quick, competent and on-time fabrication and installation of high quality systems for our customers.

www.tehag.com

Visit us at booth No. 3



With the full integration of the nanoparticle measurement technology business sector, Testo is pursuing the objective of a targeted and customer-oriented utilization of the synergies in Research & Development, as well as the extensive and proven possibilities and means available in industrial production, service and sales.

Testo is a world market leader in the field of portable and stationary measurement solutions. In 30 subsidiary companies around the world, 2,500 employees research, develop, produce and market for the high-tech company.

www.testo.com

Visit us at booth No. 12



UNDERSTANDING,
ACCELERATED

For over 50 years, TSI Incorporated designs and manufactures precision instruments for aerosol research worldwide.

Recently, TSI Incorporated united with MSP Corporation to expand various product ranges including the well-known family of MOUDI Impactors designed for size-fractionated aerosol sampling down to 10 nm.

In addition, TSI holds solutions for stationary or transient particle size distributions down to 1 nm, engine exhaust measurements in the field or monitoring of ultrafine particles.

Visit our booth for a sneak peek on TSI's newest products and next generation of particle counting. We hope to see you there!

www.tsi.com

Visit us at booth No. 11



VERT® is an association dedicated to the promotion of Best Available Technology for emission control. The Core objective of VERT is the minimization of health burden caused by combustion engine emissions, esp. the elimination of Ultra Fine Particles (UFP)

Members of VERT are international manufacturers of engines, testing devices, DPF and SCR systems, as well as of substrate producers, chassis builders, among others.

VERT stresses and recommends the application of particle number measurement against a pure particle mass count as very light Ultra Fine Particles (UFP) cause a major threat to health. We set the highest quality standards for emission control technology by certifying emission control technologies (VERT® Label) and publishing the VERT filter list

VERT supports traffic pollution reduction programs all over the world, esp. in megacities.

<http://vert-certification.eu/>

Visit us at booth No. 6