

patents submitted. Falco has set the standard in aerosol and particle technology for more than 50 years. Through continuous innovations, they achieve extraordinary quality and durability in their products.

The result is unique technical and economic advantages for customers. Falco has established itself as a global market leader in the fields of aerosol generation, aerosol dilution and aerosol particle measurement technology. Research companies, universities and research institutions in approximately 60 countries put their trust in Falco precision technology.

Falco core competences are in:

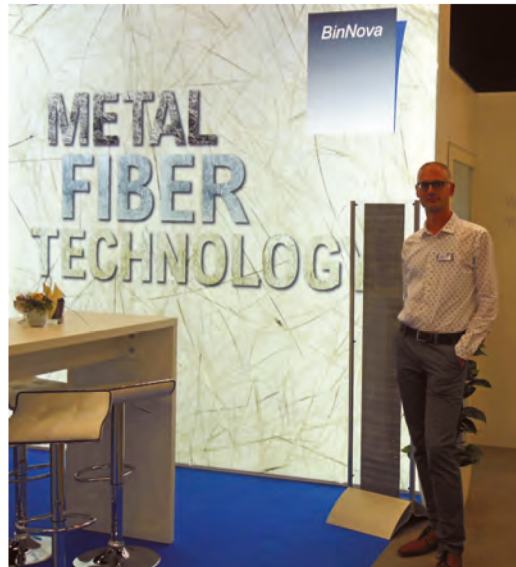
- Filter test systems
- Aerosol spectrometer systems
- Fine dust monitoring systems
- Nanoparticle measurement technology
- Particle generation systems
- Dilution systems
- Clean room particle technology
- Calibration systems

INDUSTRIAL FILTERS & FABRICS

WELPEN is working with filter felt and filter bags both to their partners and many bag manufacturing units across the globe. Pradyumn Maheshwari, Managing Director, said, 'W' offers a complete solution for dust-collectors, that can be customized as per customer' requirement. With the latest and fully automated machinery, advanced sewing equipment and

experienced workers, 'W' cannot only manufacture any existing style of filter bags or filter cages but also could supply customized design.'

Dr Martin Buchmann, **BINNOVA METAL FIBER TECHNOLOGY**, explained, 'We develop and manufacture fibrous materials from different metals and alloys



Dr Martin Buchmann, BinNova Metal Fiber Technology

with an average fiber diameter of less than 10 µm. A high surface area to volume ratio brings great advantages for various applications, from catalysis to new battery technologies, from filtration to new magnetic materials. Our mission is to develop very fine metallic fibers and 2D/3D fibrous structures, customized for advanced technical applications.'

They have established a manufacturing unit to provide fibers and sheet composite materials with novel properties in a science and innovation park in the city of Jena.

WELPEN INDIA is an innovative

solution provider and manufacturer of engineered aerospace filter media.

Welspan Advanced Textiles was established under the leadership of Welspan Group, with a mission to serve innovative products in line of the most critical & technical oriented segments such as Aerospace, filtration, and personal protection etc.

They serve the segments such as Air Filtration (hot collector baghouses, pleated baghouses, regenerative filters, rolls of filters, HEPA/ULPA) pleated & low filters and Liquid Filtration (industrial oil, food & beverage, automotive oil, and fuel, lubricant & brake fluid filters).

Their indigenous and patented product Welspan, is the innovative solution for the hot gas industrial filtration where the temperature ranges are around 1400-1600°C.

WELSPAN has been producing sewing machines for over 60 years and their competency in its making efficient and reliable machines has only improved over that time. For the filter market their sewing and bonding/welding machines are perfectly suited to the production of high quality seams. Whether it is a feltback seam or ultrasonic micro-seam their machines allow for your filter production to achieve the widest surface area and minimal disruption to the filtration process.

In Filtech they had a special automatic filter bag solution that has been developed by John Central Europe and NCI Kinnor Automatic 100% made in the UK.

WELSPAN/INDIA & WOME (WAT)

is a seventh generation family-run company and a global leader in the supply of advanced materials for filtration, battery separator and industrial applications. Today, WAT's advanced materials contribute to a cleaner world through their use in products that provide clean air, clean liquids and energy storage. The company operates manufacturing sites and research centers in the Americas, Asia, Europe and India with its headquarter in Massachusetts, USA.

NanoWorx WAT - the patented synthetic media NanoWorx provides

