

Business Development Trip UK Photonics Delegation overview

You can find the detailed profiles in the download section of the following link:
<https://tradehorizons.com/market-entry-blog/2023/04/photonics-germany-delegation-to-visit-uk/>



2b-special GmbH

2b-special is a manufacturer of optical fiber preforms based in Jena, Germany's center of the optics industry. The company develops and produces custom-designed, ultra-pure specialty glass, so-called preforms for optical fibers required in various applications. These include machining, medical, lighting, sensing applications and beyond – anywhere in the world where fibers are an essential component. The organization is streamlined to produce high quality preforms customized to specific needs. This is manifested by their ISO certification which was performed already at an early stage within their still young history which started in 2016.



AEMtec GmbH

AEMtec is one of the global acting specialists for the development and production of a variety of precision optoelectronic products. With a wide technology portfolio including Wafer Back-End Services, Chip on Board, Flip Chip, 3D Integration and Opto Packaging AEMtec is the right Partner for complex and reliable solutions in the sector of miniaturization. The motivation is not only to drive innovations but also to accompany the customer along the entire value chain.



asphericon GmbH

As an independent and recognized specialist, Asphericon is the technology leader in the field of aspherical optics and optical systems. The production is based on a self-developed and patented technology for the control of CNC grinding and polishing machines. Asphericon accompanies its customers from optical design, production and coating, full-surface interferometric measurement and documentation up to the assembly of optical components as well as their optical characterization.



fiberware GmbH

Fiberware GmbH of Germany was formed as a small, specialist manufacturer of speciality fibers for many different, demanding applications which could not meet with the standard telecom fibers. Starting with drawing fibers only, they developed new fiber optic products. The customers of fiberware can be found in all areas of industry and medical technology where optical radiation has to be transported in a waveguide. Typical users of our fiber optic products typically operate in the field of optical measurement and sensor technology as well as laser technology. The fiber optic products manufactured by fiberware are further processed into medical products such as medical laser probes by the sister company advanced fiber tools.

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merconics GmbH & Co. KG

Merconics is a distributor of very advanced metrology and process equipment; it offers comprehensive solutions for Hybrid Electronics. Some of the target sectors are e.g. Metrology, Cleanroom Monitoring, Process equipment, FOUF cleaner, e-Printing / Soldering. The company has a broad portfolio (Metrology, Process, Infrastructure) for the Frontend Semiconductor Manufacturers and a team with cumulatively 100+ years of Semiconductor Experience.



MERSEN Deutschland Holding GmbH & Co. KG (optoSiC)

MERSEN optoSiC develops and produces for LASER technologies innovative high-end scanning and fast steering mirrors in a tailored optoSiC+ material (SiC = silicon carbide) for today's and future applications. Some of their main products/technologies are GALVO SCANNING, Fast Steering Mirrors, OEM OPTICS.



POG Präzisionsoptik Gera GmbH

POG Precision Optics Gera develops and produces client-specific, precision optical components, as well as systems and optical microstructures for the entire spectral range. These are widely utilized especially in the fields of measurement engineering, industrial image processing, medical and laser technology as well as semiconductor and aerospace.



Schmidt u. Bender GmbH & Co. KG Optische Geräte

Located in the heart of Europe Schmidt & Bender Germany and its subsidiary Schmidt & Bender Hungaria is a world-renowned supplier to the optical, electronics and defense industry. The company has always been a reliable manufacturer of optical components and instruments; it manufactures lenses, aspherical lenses, flat optics, prisms, filters and various thin film coatings to individual customer specifications. Their state-of-the-art tooling and extensive, flexible manufacturing capacity ensure continuous availability and on-time delivery. Since their fibre optics division was established, they have been a stable supplier to many of Europe's renowned manufacturers of dental, medical and other instruments, and we also work with smaller companies.



Vistec Electron Beam GmbH

As a long-standing equipment supplier, Vistec Electron Beam GmbH is providing leading technology solutions for advanced electron-beam lithography. Based on the Variable Shaped Beam (VSB) principle, the electron-beam lithography systems are mainly utilized for: semiconductor manufacturing applications and advanced research as silicon direct write, compound semiconductor, silicon photonics, mask making as well as integrated optics and several new emerging markets. The company is located in Jena, Germany and maintains service and support centers in Europe, Taiwan and in the US.
