Press release

Staufen im Breisgau, July 25, 2024

**Driving progress: Micropositioning systems   
and optomechanical components**

**At OWIS, we turn our customers' groundbreaking ideas into reality and drive progress in high-tech industries. In doing so, we rely on our high-quality standard components, our outstanding engineering expertise and our ambition to push technological boundaries.**

# Following the idea of our founders, we now offer a modular system of optomechanical components and positioners that can be used to simplify scientific experiments and build customer-specific applications.

# It becomes exciting when we combine our expertise and develop customer-specific systems based on the OWIS standard components. Typical application examples include laser processing, sensor technology, analytics, medical technology, semiconductor technology and clean room applications in general.

# Optics box - from laboratory setup to series production The optics box is nothing more than a laboratory setup optimized for industrial series production. Assembled, adjusted and delivered as a high-quality plug-and-play system. Our engineers provide design support, minimize size and costs and optimize the selection of components and materials.

**Multi-axis systems - free positioning on up to 9 axes**By cleverly combining our standard components, we realize customer-specific multi-axis systems that enable workpieces, tools or lasers to be positioned freely in space. Systems made by OWIS Engineering are of the highest quality and always optimally aligned to the workpiece and the machining process.

**Get to know us now: W3+ in Jena, Germany**  
Visit us on September 25/26, 2024 at the W3+ in Jena, Germany. The networking trade fair brings together the photonics, optics, electronics and mechanics sectors. Of course we from OWIS will be there!

1525 characters

Pictures

Ein Bild, das Elektronik, Haushaltsgerät, Design, Im Haus enthält.

Automatisch generierte Beschreibung

**Optics box**

Customized, closed optical system, for example as an industrial prototype or for small series production

Ein Bild, das Metallwaren, Hebel, Schloss enthält.

Automatisch generierte Beschreibung

Multi-axis system

Aligned, calibrated combination of linear and rotary stages for precise workpiece positioning with 5 degrees of freedom (working volume: approx. 100 x 100 mm).

About OWIS

OWIS – optical beam handling and positioning systems. OWIS has been dedicated to these technologies for 40 years. The broad product portfolio of optical beam handling components and positioning units is characterized by their combinability, highest precision and reliability. The OWIS Engineering business unit develops and builds complete beam handling systems and individual multi-axis alignment and handling systems. Thanks to our know-how and experience especially in the vacuum area, we are able to design our products for applications in high vacuum (HV), ultra high vacuum (UHV) and extremely high vacuum (XHV). For cleanroom applications, we offer maximum flexibility and a high degree of individuality. This applies both to the adaptation or extension of OWIS standard components and to the development of new and individual OEM solutions.

With our own research and development department as well as a very high vertical range of manufacture, we can optimally respond to our customers’ requirements. This makes OWIS the perfect system partner. Quality and precision are our top priorities, which we owe above all to our qualified and long-standing employees.

As a medium-sized company in Staufen, Germany, we supply scientific institutions and industrial companies worldwide – "Made in Germany“. In particular, laser technology in industries such as image processing and metrology, analytics and diagnostics, semiconductor technology, laser processing, micropositioning and machining as well as science and research have highly appreciated our high-precision products for decades – l**asers love OWIS**.

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