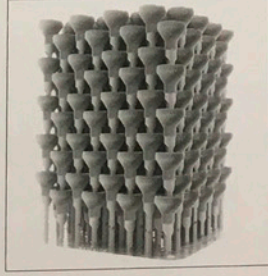
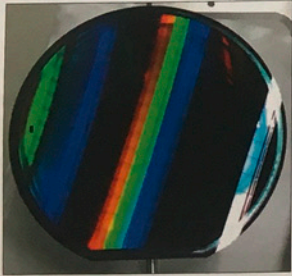


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DSPE

Towards extreme-ultra-high vacuum

OWIS®, a German supplier of optical beam handling systems and positioning systems, is consistently expanding its portfolio of vacuum-compatible products. The foundation was laid in 1980 with a standard product range of positioners and optical components. At the beginning of the 2000s, OWIS started developing products for vacuum applications in the pressure range of $1 \cdot 10^{-6}$ mbar, followed by products for the pressure range of $1 \cdot 10^{-9}$ mbar and, since this year, of $1 \cdot 10^{-11}$ mbar, the so-called extreme-ultra-high vacuum (XUHV).

The product line for the entire vacuum range includes, inter alia, manual and motorised linear stages as well as optical components, rails and slides. Customised solutions are also possible. All parts are cleaned, mounted, measured, tested and packed in the OWIS cleanrooms, and each delivered unit is accompanied by a certificate which attests the vacuum qualification.

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