



Vacuum Compatible Laser Beam Expanders

Optical Surfaces Ltd.

has announced its **reflective beam expanders** are now available with the option to **optimally operate in high vacuum environments**, expanding or reducing high power laser beams.

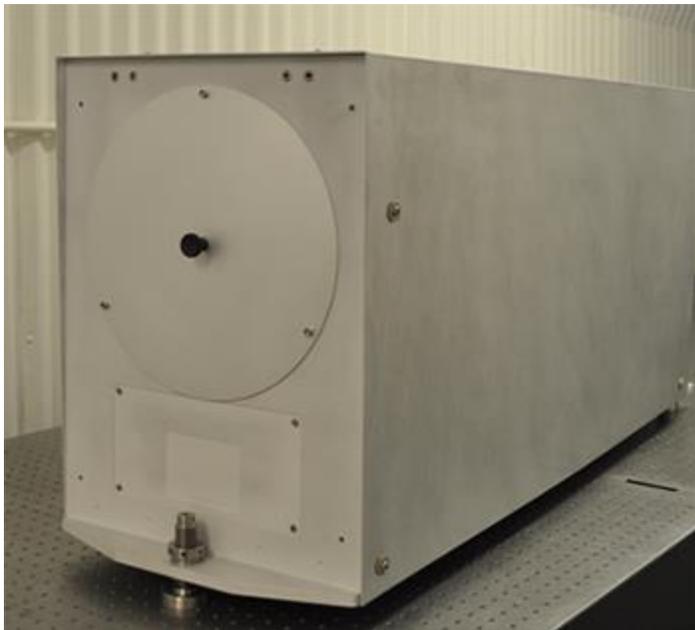


Image caption: Vacuum compatible laser beam expander

Benefiting

from a high throughput off-axis design, these beam expanders provide an unobstructed output and highly efficient transmission. The reflective design of these beam expanders is achromatic and with different coatings they can operate from UV to far IR without adjustment.

Supplied housed in a robust aluminium cover

- each Vacuum Compatible Beam Expander comes with provision for secure fixing to an optical table. Alignment aids are provided to ensure correct beam pointing and tracking during integration. Manufactured to better than $\lambda/5$ transmitted wavefront accuracy, these reflective beam expanders are available with various magnifications up to 30x.



Optical Surfaces Ltd is today accepted as one of the world's leading manufacturers of reflective beam expanders. An interferogram and OPD map is supplied with every reflective beam expander to assure you of its high performance and top-quality construction. For further information on Vacuum Compatible Reflective Beam Expanders please visit <https://optisurf.com/laser-beam-expanders/> or contact Optical Surfaces Ltd. on +44-208-668-6126 / sales@optisurf.com.

Optical Surfaces Ltd.

has been producing large and demanding high precision optical components and systems for more than 60 years and is today internationally acknowledged for its technical expertise, attention to quality and customer service.

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