



Technical Optics Ltd.  
Optical Components & Assemblies

CVI Technical Optics  
Second Ave  
Onchan Isle of Man  
IM3 4PA  
TEL (0) 1624 647000  
FAX (0) 1624 676859

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Onchan, Isle of Man

## CVI Technical Optics Installs 12-inch Interferometry Capability



CVI Technical Optics is pleased to announce the installation of a 12-inch Zygo® interferometer in its Isle of Man manufacturing facility. CVI Technical Optics has been fabricating and coating large format windows up to 520mm in diameter for many years and is the CVI “Center of Excellence” for large format optical components. This 12-inch interferometer is a significant upgrade of CVI’s metrology capabilities.

Typical 6-inch beam expanded interferometers force manufacturers to provide “stitched” data, which is prone to significant errors for optics larger than 12-inches (305mm). Increasingly, new requirements mean that customers can no longer accept this data as certification of compliance.

“Over the years we have seen growth in the market for large optics. Now we can provide one-shot interferograms for optics up to 12-inch (305mm) clear aperture. This capability enables CVI Technical Optics to ensure precision specifications over large clear apertures, including flatness before and after coating. This investment on the part of CVI demonstrates our intention to become the leader in large format optics,” states Helmut Kessler, CVI Technical Optics General Manager.

Serving semiconductor, biotech, industrial, commercial, aerospace and research industries, CVI combines 30 years of optics manufacturing expertise with precision machining and mechanical design to produce integrated opto-mechanical assemblies. CVI is a leading manufacturer of optical components, providing engineering, rapid prototype delivery, high volume production, and system integration for challenging optical requirements. Headquartered in Albuquerque, New Mexico, CVI operates manufacturing facilities in New Mexico, California, the British Isles, and South Korea with sales representatives and distributors located worldwide.

For further information, please contact Chris Bridle, CVI Technical Optics, European Sales Manager, Second Avenue, Onchan, Isle of Man, IM3 4PA, by phone +44 (0)1624 647000 by e-mail at [supportEU@cvilaser.com](mailto:supportEU@cvilaser.com), or visit the CVI website at [www.cvilaser.com](http://www.cvilaser.com).