Torr Scientific Ltd.
Specialists in UHV, Optical and X-ray Components

NEWS

www.torrscientific.co.uk
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New! Synchrotron Products Brochure

- CVD Diamond Windows
- Water Cooled X-Ray UHV Windows
- MCP Detectors with Phosphor Screen or CCD / CMOS Camera Options
- MCP Manipulators for Beam Line Diagnostics

DOWNLOAD HERE

IOP Institute of Physics
Joint annual HEPP and APP conference

21-23 March 2016
University of Sussex, Brighton, UK

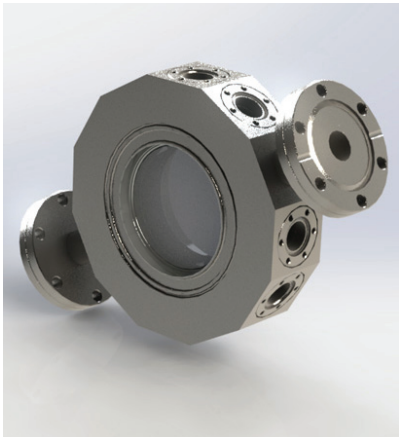
Torr Scientific is proud to be sponsoring the forthcoming joint Annual HEPP and APP Conference and further information on the event can be found here.

TSL Products:

AR Coatings
UHV Viewports
X-ray Sources
CVD Diamond
Phosphor Screens
UHV Components

FS 585099

New Product! Atom Trap Chambers



Torr Scientific has recently launched a new range of compact, low-magnetic, chamber modules which are used in the research of ultra-cold atoms. The new range of Atom Trap Chambers are manufactured from 316L stainless steel with 316LN flanges, and contain up to 14 horizontal and two vertical ports. High quality fused silica optics that offer a high threshold to laser damage (complete with non-magnetic weld rings) are welded directly to the chamber body to reduce the overall chamber size, with an option for custom anti-reflective coatings optimised to the laser wavelengths.

For further details please click here.

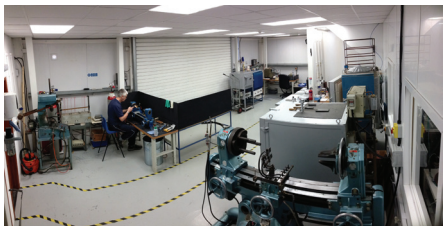
New Factory Expansion

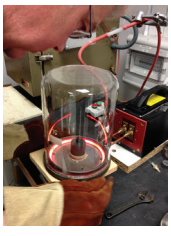
The expansion of our business continues with the acquisition of another factory unit doubling our floor space to 1200m². The two units will accommodate our Vacuum Optics division which supplies UHV viewports, AR coated optics and general vacuum products, and the XEO (X-ray & Electron Optical) division which supplies anodes, surface analysis instruments and products for synchrotron research. It is intended that both divisions will be run independently to provide the necessary focus to their respective markets.

For a short video clip of the new factory, please click here.

New Glass Shop

- All Kodial viewports are now produced in-house with 316LN flange options
- Options available for anti-reflective coatings to customer-specific requirements
- Full leak testing facilities with cleaning to UHV standards
- Tubulations, feedthrough bases, anode encapsulations to OEM designs





Torr Scientific has invested significantly in the expansion and development of our new 'glass shop' which enables us to retain complete control over all manufacturing and production processes.

Leading the expansion are Paul Sheffield and Richard Williams who together bring 65 years' worth of knowledge and experience of specialist glass component production.

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