



TSL NEWS

Germanium Viewport



Due to wide IR transmission range and visible opacity, Ge is suited for IR applications. Its useful transmission range is 1.8 to 17 microns.



New Employee!
We are pleased to welcome Jason Hayler as production technician. Jason has had extensive experience in vacuum instrument assembly and glasswork manufacturing.

TSL Products:

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

NEW LOOK TORR SCIENTIFIC!

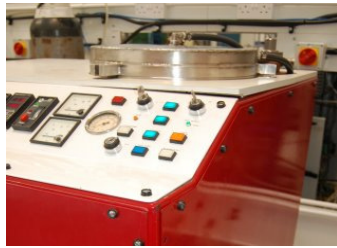
New Factory!

Torr Scientific has relocated to a modern 4100 square feet factory in Bexhill-on-Sea, East Sussex. 'We are very pleased with how we have settled at the new site' said MD David Bates. 'We had outgrown the Brighton units and this facility provides cost effective expansion potential.'



New Vacuum Furnace!

In partnership with Specnow Ltd., a furnace systems and solutions company, Torr Scientific has acquired a second vacuum furnace. The furnace provided much needed reliability and capacity for brazing of high quality, UHV compatible, fused silica to metal and sapphire to metal seals.



New E-Beam Controls!

TSL has upgraded the electronic control units on the e-beam system in partnership with Ferrotec, specialists in electron beam evaporator equipment. The upgrade has improved efficiency and reliability of the anti-reflecting coating process. Viewports are coated to customer specified wavelengths of application.



New TIG Welder! A new turntable and TIG welding equipment has been set up at Torr Scientific. All viewports are now welded within the company allowing full quality control over the complete viewport manufacturing process. Weld rings in kovar, stainless steel and non-magnetic tantalum are welded in to 304L and 316LN flanges.



New Catalogue! The first section of a full catalogue under construction has been completed and can be downloaded in PDF format from the datasheets page on the company website www.torrscientific.co.uk. The viewport section lists UHV viewports in fused silica, sapphire, kodial, Zinc Selenide, Magnesium Fluoride and others. The next section featuring viewports with anti-reflective coatings will be completed soon!

