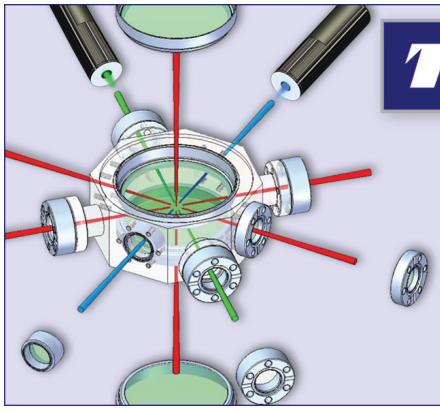
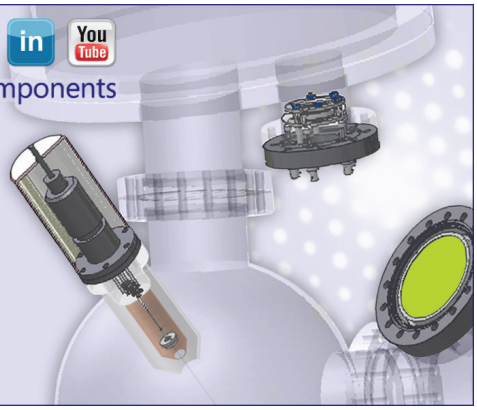


Torr Scientific Ltd.

Specialists in UHV, Optical and X-ray Components

NEWS

www.torrscientific.co.uk
Issue 21 - October 2015



See Torr Scientific at:

VacuumExpo

Stand No: F23

14-15 October 2015

Ricoh Arena, Coventry, UK

We'll be exhibiting again at this year's Vacuum Expo and will have a wide range of products on show, including viewports with anti-reflective coatings, glass to metal seals, special optics and MCP detectors. Why not stop by our booth to say hello to our UK Sales Manager, Ray Whitehouse, who'll be happy to discuss your requirements.

TSL Products:

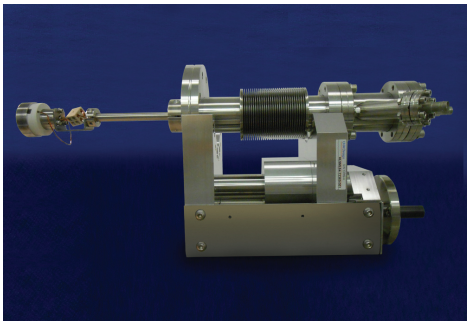
- AR Coatings
- UHV Viewports
- X-ray Sources
- CVD Diamond
- Phosphor Screens
- UHV Components

bsi. FS 585099

UKAS MANAGEMENT SYSTEMS 003

We're pleased to announce that we have successfully passed our recent ISO9001:2008 reassessment, which gives TSL the seal of approval in our quest for continual improvement. ISO9001:2008 is the world's most popular quality management system standard and outlines ways to achieve, as well as benchmark consistent performance and service. The company has been successfully certified to the ISO9001:2008 standard since 2012, and the current certificate cycle is valid until 2018.

New Product! MCP Manipulators for Beamline Diagnostics



MCP Manipulators are ideal instruments for beam visualisation and secondary electron detection at synchrotron facilities. The MCP detector can be customised according to the application in question, and is mounted on to a smooth and precise linear transfer mechanism (typically offering up to 100mm linear travel, with longer travels available on request) so it can be moved in and out of the detection zone. Electrical feedthroughs are positioned at the end of the MCP Manipulator, fitted with SHV connectors as standard, with in-vacuum UHV compatible Kapton wire being used throughout for electrical insulation. An optional 3U rack-mounted, high voltage power supply, complete with digital readout is also available. For further details on our range of MCP Manipulators, please click here.

New! 3D Microscope for Improved Quality Control

At TSL, we're always striving to improve our quality standards and have recently added a new 3D Eyepiece-less Inspection Microscope to our suite of inspection tools. It will be used to inspect both coated and uncoated X-ray anode assemblies, optics and viewports and gives excellent depth of field and depth of perception via detailed 3D examination. The stereo image is delivered direct to a screen (rather than two eyepieces) and can also provide a permanent record of inspection for the end-user. The new 3D microscope makes it possible to perform to a higher level of process and quality control, helping us to achieve our aim of complete quality assurance of all products.

You're hired! The Importance of Apprenticeships

We understand the value of investing in apprenticeships and currently have four operating throughout the business, including two business administration, one accounts and one engineering. Skills shortages are still one of the major threats to our industry, especially since we operate in such niche markets, so apprenticeships are the ideal solution to bridging the skills gap and encouraging a committed workforce. David Bates, TSL's Managing Director, says "we recognise that the apprentices of today are the workforce of tomorrow, and we're delighted to have them as part of the TSL team."

To see TSL's apprenticeships featured in the latest addition of Sussex Business Times (page 32) please click here.