



# NEWS

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TORR SCIENTIFIC LTD. - Specialists in UHV, Optical and X-Ray Components

## Minister of State for Climate Change visits Torr Scientific



Bexhill MP Greg Barker toured Torr Scientific in December as managing director David Bates and his team showed the energy and climate change minister how the company was achieving record sales. Mr Barker said he had been very impressed by what he had seen.

## PIER TO PIER WALK



Employees and friends of Torr Scientific walked 16 miles from Eastbourne Pier to Hastings Pier to raise £2,154 for the Rockinghorse Charity, which needs £25,000 to build an outdoor play area at The Bungalow in Eastbourne, providing overnight breaks for young people with disabilities. Mel Thomas, commercial director of Torr Scientific, said, "It's a great cause and we're very proud to have raised more than £2000 for the project."

# New Spectrophotometer

Torr Scientific has received delivery of a new Perkin Elmer UV/Vis/IR spectrophotometer.

The spectrophotometer extends the range at which the company is able to measure both reflectance and transmission to between 190nm and 3.2microns. The instrument will be used as an inspection tool for incoming optics and for manufactured UHV viewports with anti-reflective coatings optimised for particular customer applications. 'This new investment brings greater quality control to the business and will extend our AR coating capability' said managing director, David Bates.



# Engineering and Development Expansion



Toby Matheson

The two year Knowledge Transfer Partnership (KTP) between The University of Surrey and Torr Scientific is underway. **Toby Matheson** has been employed as a KTP associate to develop a novel x-ray monochromator based on leading edge diamond anode technology. Toby previously studied Applied and Modern Optics, and Rheology and Composites, at the Universities of Reading and Southampton.



Pat Brown

Production Engineer, **Pat Brown**, joined Torr Scientific in December. Pat has extensive experience with manufacture of UHV components and will implement a new production control system. This project will encompass review and documentation of all production processes and equipment maintenance. We are delighted to have both Toby and Pat on board.

## TSL Products:

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

## Ceramic to Metal Seals

Torr Scientific is now manufacturing ceramic to metal seals. High grade alumina is vacuum brazed at TSL to kovar weld ends which are in turn TIG welded to flanges. The products are manufactured, cleaned and helium leak tested to UHV standards. A range of feedthroughs including BNC and SHV feedthroughs is now also offered. TSL is also pleased to quote for customer designed ceramic to metal seals. Data logging on the TSL vacuum furnace allows full monitoring and logging of each braze run.

