



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



# NEWS

[www.torrscientific.co.uk](http://www.torrscientific.co.uk)  
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## See Us At:



**EVC-15**

15th European Vacuum Conference Geneva, Switzerland

**VacuumExpo**  
Technology in a Vacuum

10-11 October 2018  
Ricoh Arena, Coventry, UK

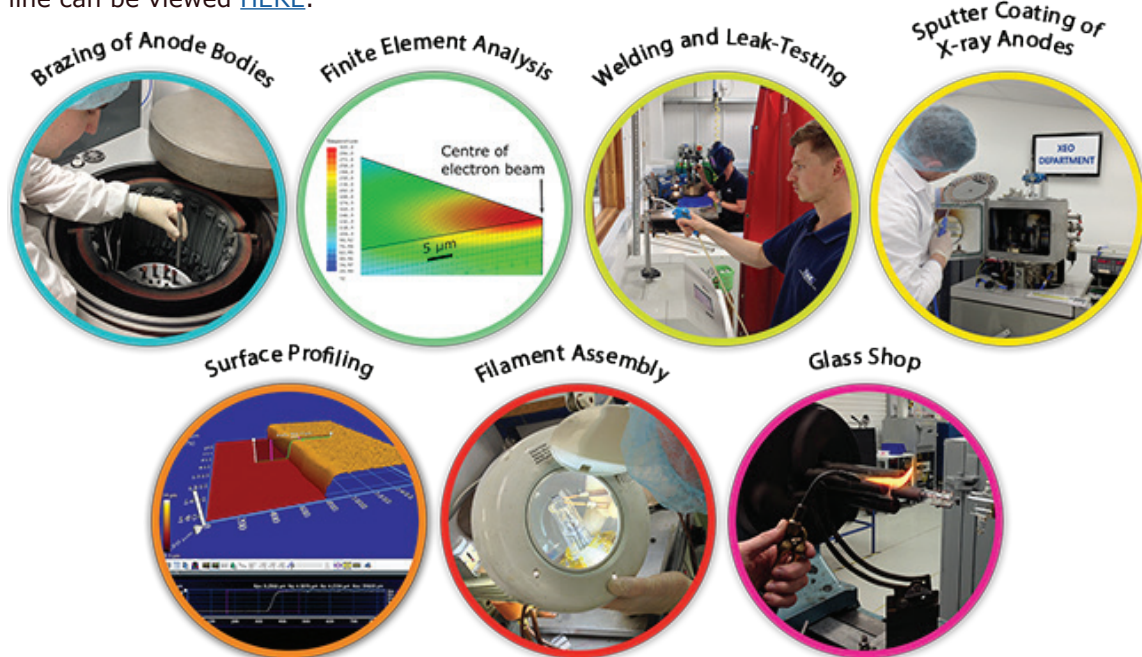
## TSL Products:

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## Manufacturing Your X-ray Source Components

Manufacturing processes applied by Torr Scientific to produce over 2500 vacuum optics per year are also applied to a production line developed to produce X-ray anodes, tubes and sources for surface analysis, electronic inspection and radiography equipment. The newly commissioned second cleanroom at Torr Scientific is dedicated to the coating and assembly of the X-ray source components. Further details of the key stages of the company's X-ray production line can be viewed [HERE](#).



## High Quality Zero Length Kodial Glass Viewports



- CF, KF or ISO flange options
- 15mm to 136mm view diameters
- Choice of 304L or 316LN flanges
- Pressure range 1 bar to  $1 \times 10^{-11}$  mbar
- Glass-to-metal seal assemblies manufactured by TSL
- Repeated bakeout to 350°C
- Large distortion-free viewing area
- Full range of lead glass disc & viewport shutter accessories



Also available with anti-reflective coatings to customer-specific wavelengths



For further details contact your local representative or TSL direct by clicking [HERE](#).