



vsμanalysis

**VacSys** Chemical Microanalysis Solutions

**NEW**

# XYT<sub>x</sub>TyZ

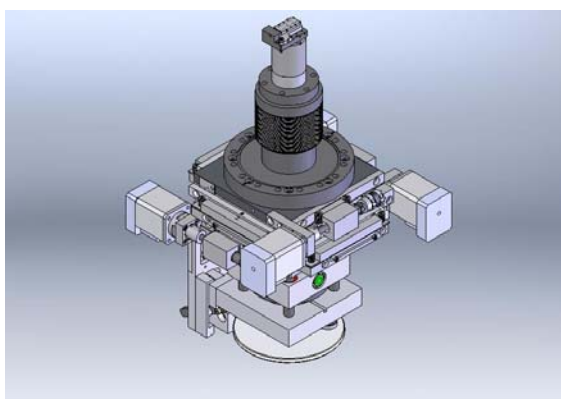
## Eucentric sample manipulator with high stability & resolution

### Design

The stage is designed to accommodate a sample manipulation for variety of surface analysis techniques for quantitative surface spectrometry and microscopy including XPS,XPEEM, LEEM SIMS with sample at ground potential and biased to high voltages. It operates with eucentric tilt to accommodate quantitative analysis and microscopy. Ideal for vacuum robotics with micro-scale accuracy.

### Specifications

- 5 axis sample manipulation with eucentric tilt adjustment
- Fully computer controlled through USB as standard
- Standard control software
- Travel
  - X,Y axes           +- 25 mm
  - Z axis               +- 10 mm
  - Tilt TxTy           +- 2 deg
- Resolution
  - X,Y- axes           +- 0.2 um
  - Z- axis              +-2 um
- Sample isolation 20 kV, (optional 30 kV)
- 6" and 8" flange versions



*An image of the new eucentric 5 axis sample manipulator*

Vacuum  
robotics  
Nanopositioning  
Thin films  
Biological  
Semiconductor

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