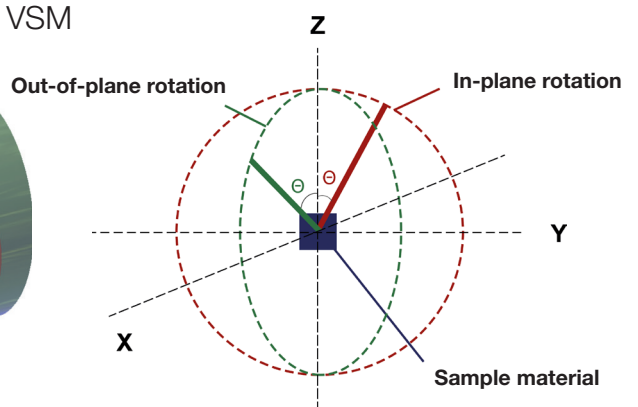
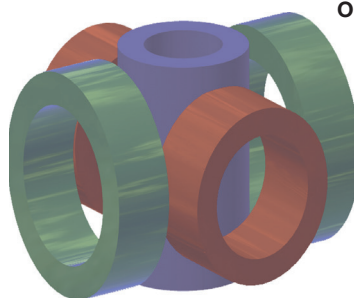


9T-2T-2T VECTOR SYSTEM WITH VIBRATING SAMPLE MAGNETOMETER

A unique tool for magnetic characterisation of anisotropic materials

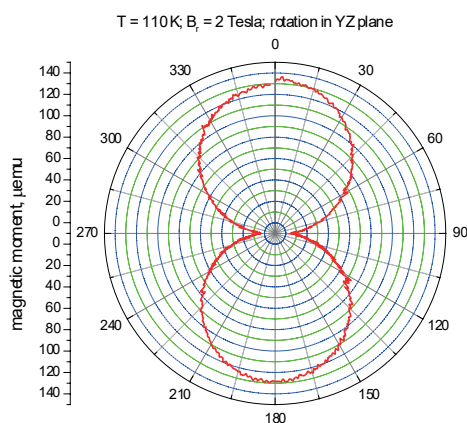


- Completely Cryogen-Free
- Compatible with variety of applications
- Vertical magnetic field up to 9 Tesla
- Arbitrary 3D field rotation up to 2 Tesla
- VTI temperature range 1.6 K to 400 K
- Sample in isolated static gas chamber
- High-sensitivity VSM

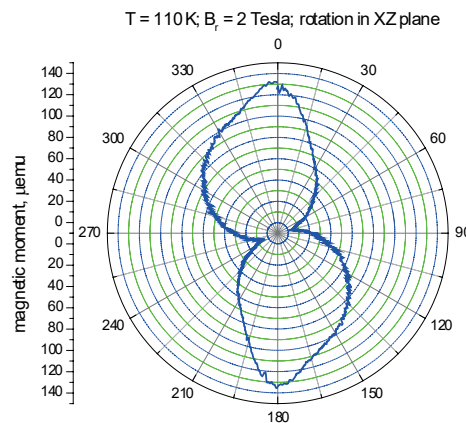


Schematic of measurement and magnet geometries

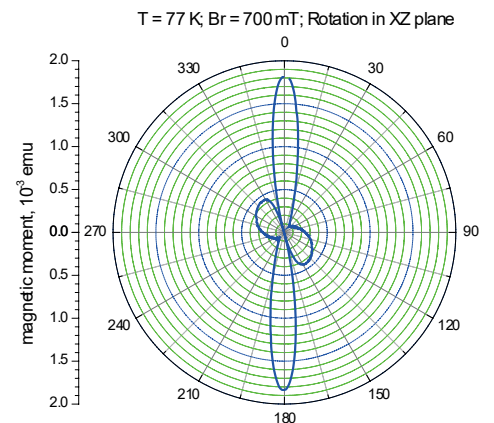
- Conventional VSM characterisation
- Isotropic behavior when magnetic field is rotated in the sample plane
- Moderate out-of-plane anisotropy at high temperature
- Anisotropic 2D behavior pronounced at low temperature



Isotropic in-plane



Anisotropic out-of plane



Anisotropy is stronger at low temperature