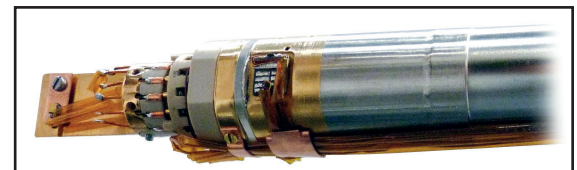


## 9 T / 4 T UHV VECTOR MAGNET SYSTEM FOR X-RAY BEAMLINE



- All UHV cryostat to  $10^{-10}$  mbar
- 9 T field parallel to beam direction
- 4 T field perpendicular to beam direction
- Fully rotatable 2.5 T vector field
- Continuous fast sweeping of field (up to 8 T/min)
- Zero helium loss system – even during magnet ramping
- Automated window shutter mechanisms
- Full bake-out system provided

- Closed cycle VTI with external helium liquefier unit
- Electrically isolated cold-finger to  $50 \text{ G}\Omega$
- Automated VTI with translation and rotation
- Sample temperature 1.6 K - 400 K
- Switchable wires to sample platform



VTI cold-finger with removable sample plate

