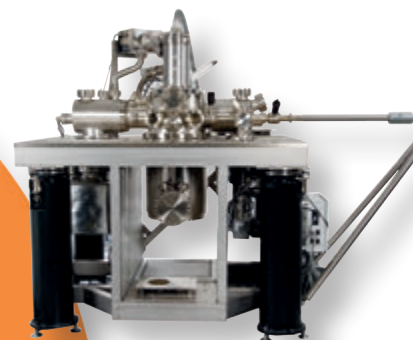


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Forging Links with Nanoscience - For Decades



*Triton[®]DR -
Dry Dilution
Refrigerator*



*R&D 100 winner
LT NANOPROBE*



*SpectromagPT Cryofree
optical split pair magnet system*



*Combined SPM, PVD, ALD
& Sputtering System*



Ultimate iXPS & μARUPS with NanoESCA

PLD CVD **SPM** Plasma
Cryofree[®] **ULT** PVD
GIS Nanotools Deposition iXPS
Superconducting Magnets ALD **ESCA**
3D-Magnet LEED EFM IoN Beam
Nanotechnology
FIB HE³ SAM Nanoprobng EBSD
UPS XPS Thin Film Dilution Cryostat
Graphene High Field & Custom Magnets
AES Process Techniques PEEM Etch
Combined Environments
AFM MFM Nanomechanics μK
Optical Cryostat SEM
MBE STM EDS nc-AFM
Vector Rotating Magnets
Flow Crvostat

For further information:
omicron.nanoscience@oxinst.com
www.oxford-instruments.com/oion

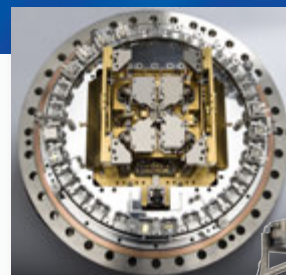
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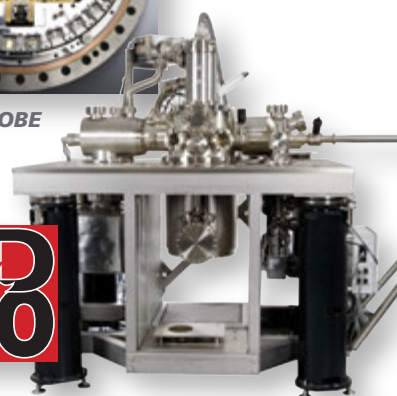
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The LT NANOPROBE - ultimate probing at the Nanoscale

- Four fully independent Scanning Tunnelling Microscopes
- 4-Point transport measurements
- Excellent STM performance for spectroscopy & manipulation
- Base temperature $T < 5$ K
- High resolution SEM navigation



LT NANOPROBE
stage

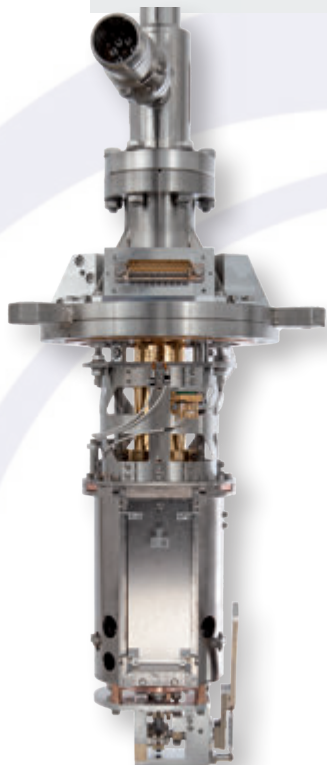


LT NANOPROBE system



SPM in a temperature range from 15 K to 400 K with Fermi SPM

- Compact Design
- Tip and sample cooled
- In-situ tip exchange & 2D coarse
- Low thermal drift
- STM, AFM & spectroscopy
- Sub pA STM

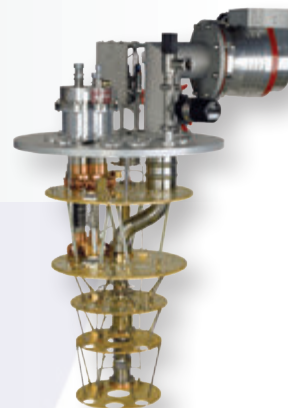


Fermi SPM - 10 K achieved
with flow cryostat

Triton™ - technology shaped to your needs

- 7 mK base temperature in a cryofree environment
- 200 or 400 μ W cooling power at 100 mK
- Fast cooldown integrated magnets up to 16 Tesla
- Modular wiring, experimental services and sample loading

*Triton - high flexibility,
larger sample space,
and easy access through
common vacuum
design*



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