

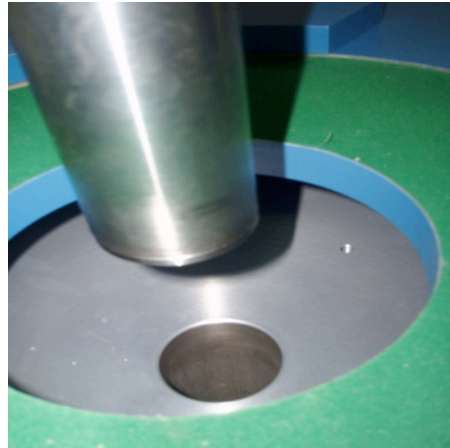
	<p>Low Temperature Laboratory laboratory</p>
<p>Description</p> <p>We investigate fundamental and applied aspects of quantum nanodevices based on new materials as graphene and 2D related materials, topological insulators and III-V semiconductor heterostructures. Our 100% cryofree low-temperatures laboratory allows full transport and magnetotransport characterization of quantum Nanodevices from 10 miliKelvin to room temperature at high magnetic fields.</p>	
<p>Main Equipments</p>	
<p>CRYOFREE DILUTION FRIDGE TRITON DR200 OXFORD INSTRUMENTS</p> <p><i>Base Temperature: 10 mK</i> <i>Magnetic Field: 0-12 Tesla</i> <i>Sample Holder: 8-pin DIL</i></p>	
<p>CRYOFREE ³He FRIDGE HELIOX ACV OXFORD INSTRUMENTS</p> <p><i>Base Temperature: 300 mK</i> <i>Continuous from 300 mK to room temperature</i> <i>Magnetic Field: 0-12 Tesla</i> <i>Sample Holder: 8-pin DIL</i></p>	

CRYOFREE MAGNET
OXFORD INSTRUMENTS
jHigh Magnetic field at room temperature!
Clear Bore: 52 mm
Magnetic Field: 0-12 Tesla



**Full-equipped laboratory for
electronic transport, magneto-
transport and temperature
dependence:
4 SR830 Lock-in amplifier**

