

Press Release

NanoScience
Tubney Woods, Abingdon
Oxon OX13 5QX, UK
Tel: +44 (0) 1865 393200
Fax: +44 (0) 1865 393333
Email: nanoscience@oxinst.com
www.oxford-instruments.com



Release date: 13th of July 2010

Oxford Instruments receives superconducting magnet orders from two prestigious neutron scattering facilities.

Oxford Instruments has just received orders from two prestigious neutron scattering facilities: the High Flux Isotope Reactor (HFIR) at Oak Ridge National Laboratory (ORNL), Department of Energy facilities, and the Australian Nuclear Science and Technology Organisation (ANSTO). These orders are for two high field superconducting magnets using Oxford Instruments' helium recondensing cryostat technology. Recondensing cryostats use a cryocooler to capture evaporated gas and turn it back into liquid helium. Using recondensing technology considerably decreases the helium consumption of these magnets while enabling the stringent magnet designs required by neutron scattering applications.

In the past year, Oxford Instruments installed four similar systems in two other prestigious neutron scattering facilities, the ISIS Neutron Source (STFC Rutherford Appleton Laboratory, Didcot) and the ILL neutron facility (Institut Laue-Langevin, Grenoble). ANSTO also installed one of Oxford Instruments' compact Spectromag™ split pair magnet systems for small-angle neutron scattering (SANS).

Dr John Burgoyne, Manager of the Magnets Business Group at Oxford Instruments says: "We feel privileged to have been able to develop this product in close collaboration with world's leading neutron scientists from ILL and ISIS. These further two orders demonstrate that this range of products is particularly well-suited to neutron scattering facilities. We are delighted to contribute to furthering scientific knowledge through innovation of class leading technology."

ends-

Issued for and on behalf of Oxford Instruments NanoScience

For further information and electronic copies of the images please contact:

Mrs Sophie Walker
Marketing Communications Manager
Oxford Instruments NanoScience
e. sophie.walker@oxinst.com
t. +44 (0)1865 393349
f. +44 (0)1865 393333

Notes to editors

About Oxford Instruments NanoScience and Oxford Instruments plc.

Internationally recognised as world leaders in superconductivity and ultra low temperature cryogenic environments, Oxford Instruments NanoScience is driving innovation in these fields. The company's leading-edge technologies support research in nanotechnology, solid state and condensed matter physics. Combining outstanding technical expertise, original thinking and a commitment to meeting customers' needs, Oxford Instruments NanoScience enables real advances both in research and commercial applications by providing the high quality technological environments needed to meet demanding experimental requirements. Oxford Instruments NanoScience is part of the Oxford Instruments plc group.

Oxford Instruments aims to pursue responsible development and deeper understanding of our world through science and technology. We provide high technology tools and systems for industrial and research markets, based on our ability to analyse and manipulate matter at the smallest scale. Innovation has been the driving force behind Oxford Instruments' growth and success for over 50 years, and its strategy is to effect the successful commercialisation of these ideas by bringing them to market in a timely and customer-focused fashion.

The first technology business to be spun out from Oxford University over fifty years ago, Oxford Instruments is now a global company with over 1,300 staff worldwide and a listing on the London Stock Exchange (OXIG).

Our objective is to be a leading supplier of next generation tools and systems for research and industry. This involves the combination of core technologies in areas such as low temperature and high magnetic field environments, Nuclear Magnetic Resonance, X-ray electron and optical based metrology, and advanced growth, deposition and etching. Our products, expertise, and ideas address global issues such as energy, environment, terrorism and health and are part of the next generation of telecommunications, energy products, environmental measures, security devices, drug discovery and medical advances.