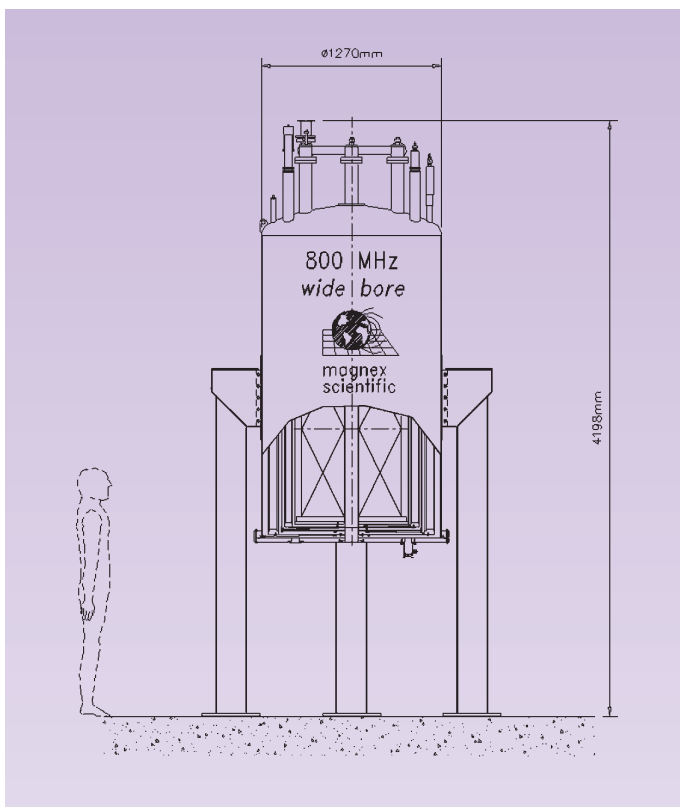


# MAGNEX HIGH RESOLUTION NMR MAGNET SYSTEM

## 800 MHz - Wide-Bore Magnet System



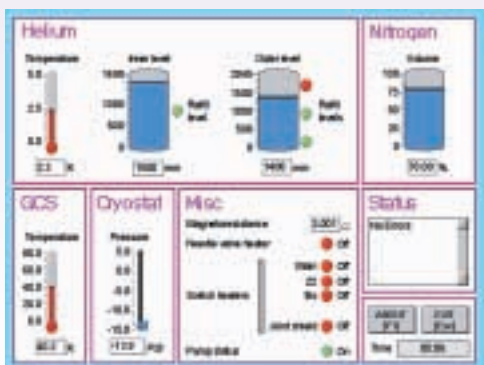
800 MHz Wide-Bore Magnet System	
• RT bore size	- 89 mm
• Central field	- 18.79 T
• Fringe field (5 Gauss radial)	- 7.75 m
• System weight	- 4500 kg
• Stored energy	- 11.5 MJ
• Magnet can hold time	- 250 days
• Operating temperature	- 2.3 K



Top view of the magnet detailing the 2.3K manifold hardware.



The 800 MHz wide-bore magnet at the Oxford Biomembrane Structure Unit, Oxford University.



Real-time magnet monitoring and control software.

