



MAGNET DIVISION

MAGNET SERVICING

Tesla Engineering Ltd has recently expanded the Superconducting Magnet Group through key appointments of staff with extensive experience designing, manufacturing and servicing the Magnex range of MRI superconducting magnets. Tesla is able to offer the full range of magnet support, from basic servicing all the way through complete factory repair.

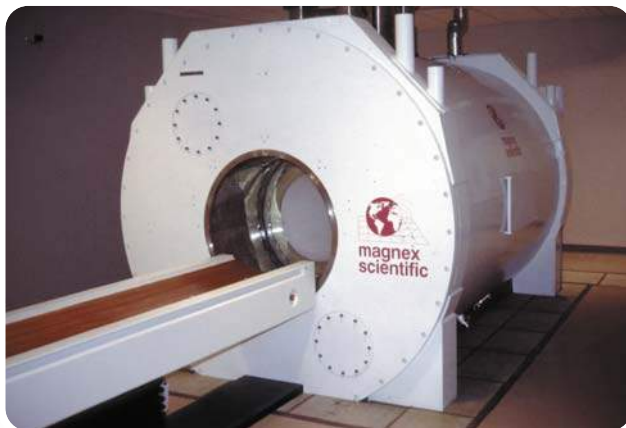


Photo courtesy of University of Minnesota, Centre for Magnetic Resonance Research.

Superconducting Magnet Servicing:

- Factory repair and refurbishment of superconducting MRI magnets
- Magnet moves & re-installation
- Site planning
- Annual magnet health check and service including:
 - ~ Re-shim (including S/C, Rt and passive shims)
 - ~ Change burst discs
 - ~ Check for ice formation
 - ~ Change / service coldheads (including adsorber and lines)
 - ~ Helium top ups (depending on location and frequency)
 - ~ Field shifts (bump the field to get back to operating frequency)
 - ~ Re-pump OVC to improve boil off

"We greatly appreciate the help from Tesla. Your engineers' detailed knowledge, expertise and experience was absolutely essential in ramping our UHF human research system back to field."

Professor Hoby Hetherington. Director MR Research Center, University of Pittsburgh

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