

Scientific Magnetcs “SciMag” Standard Magnet Systems

Scientific Magnetcs “SciMag” standard magnet systems are designed to be compact and give maximum experimental flexibility.

We offer complete systems comprising:

- Superconducting magnet, (either solenoid or split pair configuration) including persistent mode switch and diode protection circuit.
- Cryostat insert fitted with magnet current leads, and lambda refrigerator (if the magnet is to be operated at 2.2 K)
- Low loss vapour shielded cryostat.
- Experimental insert (various temperature ranges available from room temperature to less than 10 mK)
- System Electronics (Magnet power supply, cryogenic temperature controller and liquid Helium level meter)



- Interconnecting cables
- Liquid Helium transfer tube with flexible horizontal section
- Complete system test

Standard Magnet Systems

Model	Field at 4.2 K	Field at 2.2 K	Cold bore diameter/mm	Cold Split /mm	Homogeneity (over 10 mm d.s.v.)
SciMag-S-11-52-13	9 T	11 T	52		0.1%
SciMag-S-11-77-13	9 T	11 T	77		0.1%
SciMag-S-14-52-13	12T	14T	52		0.1%
SciMag-P-7-52-12	7 T	n/a	52	52	1%
SciMag-P-9-52-12	8 T	9 T	52	52	1%

We will be delighted to discuss your particular experimental requirements