

Electro – Magnets



DESCRIPTION

We can provide complete electromagnet systems including appropriate power supplies, field polarity reversal, field measurement instrumentation, computer control software, all cabling, installation, and system testing. The BCL range includes resistive (copper) coil and high temperature super conducting (HTS) Electromagnets.

Few of our varieties includes :

- ✓ Dipole Electromagnets
- ✓ Helmholtz Coil Electromagnets
- ✓ Electromagnet Coils
- ✓ And others

DIPOLE ELECTROMAGNETS

These versatile, variable-field Electromagnets are suitable for sample magnetization, magnetic separation, precision sensor calibration, Hall effect studies, magneto-optics, ferromagnetic resonance, B-H curves and EPR/NMR spectroscopy. The C-Frame and H-Frame Electromagnets have changeable Pole Caps, and most have adjustable Pole gaps to enable optimization of the geometry and field to a specific application.

HELMHOLTZ COIL ELECTROMAGNETS

Single axis Helmholtz Coil Electromagnets provide a relatively large volume of high uniformity at low fields for spectrometry, sensor calibration, or magnetic alignment.

ELECTROMAGNET COILS

Coils from the standard Dipole Electromagnets are offered as separate items. These can be used to configure Solenoids, Helmholtz type coils or special electromagnets.