



**AMERICAN
MAGNETICS**

Inquiry Checklist /

01 Magnet

- Liquid Helium or Cryogen Free
- Number of Axes and Field Strength of Each ?
- Bore Access Size of Each Axis ?
- Persistent Mode Needs for Each Axis ?
- Optical Access Considerations ?
- Field Homogeneity of Each Axis ?
- Space constraints (if applicable)
- Charging speed / Sweep Requirements ?
- Existing Equipment Magnet Will Interface With

02 Power Supply

- Tabletop Equipment or Rack Mounted
- Load Cable Length (17ft standard) ?
- Any Special Power Supply Requirements

03 Cryostat

- Room Temperature Bore Access or Cold Bore
- Information of Existing Equipment

Liquid Helium

- Recondensing or Standard
 - Cryocooler Preferences if Recon
- LN2 Jacket or Vapor Cooled
- LHe Hold Time Between Refills
- Additional Equipment Provided
 - LHe Instrumentation and Sensors
 - LN2 Instrumentation and Sensors
 - Cryogen Transfer Lines
 - Magnet Current Leads
 - Pressure Instrumentation and Sensors (if Recon)

Conductively Cooled

- Cryocooler Preferences
- Additional Equipment Provided:
 - Temperature Monitor and Sensors
 - Cryocooler, Compressor and Lines
 - Magnet Current Leads