



# SM6 Liquid Cryogen Magnet

- Split coil – large access ports.
- The most versatile optical magnet system available.
- We have several thousand field tested designs on file.
- You get what you want.



# Solenoid

- Stainless steel (open neck) with magnet insert
- Nitrogen or Vapor shielding
- Variable Temperature Inserts  $<1.5$  K to 300 K (optional to 1000 K)



# “Under Grad” Magnet

- Storage  
(Transport)  
Dewar with  
magnet insert
- Easy insertion  
simple to run
- The most  
economical  
magnet insert  
in the world



# Solenoid

- Aluminum/Fiberglass (open neck) with magnet insert
- Efficient – low cryogen consumption
- Top loading sample
- Optional Lambda plate
- Liquid Helium level probe
- Low magneto-resistance temperature sensors



# Split Coil

- Split coil  
Standard Optical
- Optical or Room temperature access available.
- Easy sample manipulation
- Helium 3 inserts for temperatures down to 0.3 K



# CRYO Industry of America, Inc.

*“performance by design”*

We have products to support you in:

- Spectroscopy
- Optical
- Materials characterization
- Mossbauer
- VSM
- Magneto-optical
- X-ray diffraction
- High Tc Superconductors
- Hall Effect
- Diamond cells
- Photoluminescence
- Tunable laser diodes
- Ultra-low temperatures
- IR Detectors
- Focal plane arrays
- Cryogenic radiometer
- ESR/EPR
- NMR/MRI
- Microscopy
- STM/AFM

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