

CSM/CVSM 超导磁体杜瓦

Cryofab 超导磁体杜瓦分为 CSM 系列和 CVSM 系列。

CSM 系列超导磁体杜瓦	CVSM 系列超导磁体杜瓦
	

CSM 系列

Cryofab 的 CSM 系列液氮杜瓦为带液氮夹层型超导磁体杜瓦，专为超导磁体研究设计。CSM 超导磁体杜瓦带液氮夹层，极大地减小室温对液氮储槽的热辐射，确保液氮消耗率极低。

CVSM 系列

Cryofab 的 CVSM 系列液氮杜瓦为不带液氮夹层型超导磁体杜瓦，专为超导磁体研究设计。

CVSM 超导磁体杜瓦为全不锈钢材质，先进的蒸汽冷却多层屏蔽技术结合超绝热材料的使用，加上全焊接工艺，使得即使无液氮夹层，其液氮消耗率仍然很小，同时该系列杜瓦具有无需常规维护特性。

Features of Superconducting Magnet Dewars

Superconducting Magnet Dewars Features

Our superconducting magnet dewars have three main configurations to choose from, the most common being the straight bore in which the inner walls run down to the bottom without intervention.

The second choice would be a belly/tail dewar. This design enables the experiment to have a designated liquid capacity located over the magnet, which is situated in a tail section. Again, all dimensions, neck, belly, liquid capacity, tail section can be fabricated to meet customer requirements.

The third configuration is a reservoir type where the neck is designed to be wide enough to place an experiment into the vessel, yet the reservoir section is wider to accommodate a larger liquid volume.

Superconducting Magnet Dewars Features

- Fabricated of all stainless steel
- Accommodates coils of all generally available magnets
- Diameters from 2" up to 96"
- Wide range of depths, maximum 14 feet
- LN2 or vapor shielding
- Three main configurations: straight bore, belly & belly/tail
- One year warranty on the vacuum
- Many custom options

[LN2 Shielded CSM Series](#)

[Vapor Shielded CVSM Series](#)



可升级选项

- Pumping arm for the helium space
- Level sensors for the the and LN2 section
- Roller bases for portability
- Covers, baffled or insulated
- Feedthroughs
- Internal or external ferromagnetic shielding
- Warm bores