

iQuantum He3 for MPMS®3

Quantum Design has just released iQuantum He3 for MPMS3. This option allows magnetic property measurements below 2 K, extending the minimum temperature for magnetization measurements to below 0.5 K, of single-molecule magnets, organic magnets, heavy-fermion systems, frustrated magnets, and other magnet types.

Features:

- 0.42 K to 1.8 K temperature range
- < 3 hours cooldown time
(300 K to 0.5 K)
- 10 hours ${}^3\text{He}$ lifetime
- < 30 min. ${}^3\text{He}$ re-condense time
- EverCool™ Compatible



System Requirements:

- AC measurement option installed on base MPMS3 system if AC mode is measured
- DC measurement mode required, as He3 option is not compatible with VSM mode

