

Physical Property Measurement System

Cryogen-free DynaCool PPMS® from QuantumDesign

Temperature range: 1.8 K – 400 K

9 T magnet

Built-in cryopump for high vacuum application ($<10^{-4}$ Torr)

VSM magnetometry (including 1.3 GPa high pressure option)

VSM high temperature option (up to 1000 K)

AC magnetic susceptibility (ACMS II)

Heat capacity (relaxation method)

Electrical transport option (including 2.7 GPa high pressure option)