

MPMS Specifications

System Design

The MPMS family of magnetometers offers excellent sensitivity, field uniformity, repeatability, accuracy and reliability. Four models are available with magnetic field ranges from ± 1 Tesla to ± 7 Tesla, including ultra-low field options and AC/DC measurement capabilities. The modular MPMS design integrates a SQUID detection system, a precision temperature control unit residing in the bore of a high-field superconducting magnet, and a sophisticated computer operating system. Powerful software makes measurements, data collection and analysis quick and easy. Window-menu prompts and options lead the user through each step. When keyboard input is required, the system specifies what parameters should be entered, the appropriate units, and the allowable range of values.

