

PPMS system for physical properties measurements



The Physical Property Measurement System, QD-PPMS-14, manufactured by Quantum Design (USA), is an open architecture system which is optimized to perform a variety of measurements at variable temperatures and magnetic fields. It can be easily configured to own designed experiments, by combining magnetometry, heat capacity and electro-transport measurements. The maximum attainable field is 14 T, while the temperature at the sample place can range from 2 K up to 1000 K (depending on the option).