

## **SQUID superconducting quantum interference magnetometer**



The Magnetic Properties Measurement System, QD-MPMS-XL-7AC, manufactured by Quantum Design (USA), employs the Superconducting Quantum Interference Device (SQUID) technology, to achieve the state of art sensitivity and reproducibility of magnetic measurements ( $10^{-8}$  emu resolution in magnetic moment, maximum field of 7 T,  $10^{-4}$  T resolution in the maximum field, temperature range from 2 K to 400 K, with a maximum stability of  $10^{-3}$  K).