

700 MHz NMR Spectrometer

Supported By: Agilent

Agilent 700 MHz NMR System

The Agilent 700 MHz NMR system consists of a highly homogeneous superconducting magnet (700 MHz ¹H, 16.4 Tesla), housed within an ultra low-loss helium cryostat with a nominal room-temperature bore of 54 mm. The magnet features excellent fringe field characteristics, improved magnet shielding from external perturbations, and minimized ceiling height. These facilitate ease of system siting and improve operational safety. The Agilent 700 MHz NMR magnet, with its Premium Shielded design, is the result of continuous refinement of the SUPERSCREENED technology and delivers valuable benefits for high resolution NMR Systems.

Key Benefits

- Significant reduction in fringe field over standard magnets minimizes space requirement and impact on surrounding areas
- Minimized ceiling height requirements allow easier siting