

400 MHz NMR Spectrometer

Supported By: Agilent

Agilent 400 MHz NMR System

The Agilent 400 MHz NMR system consists of a highly homogeneous super-conducting magnet (400 MHz ^1H , 9.4 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 as well as improving operational safety. The Agilent 400-MR is the NMR system of choice for laboratories requiring a compact, easy-to-use instrument that delivers fast, reliable results for routine analyses. The system is ideal for compound detection, quantitation and structural confirmation of even the smallest peaks.

Key Benefits

- Significant reduction in fringe field over standard shielded magnets
- Minimized laboratory space requirement and minimized impact on rooms above or below the magnets
- Outstanding homogeneity