

Resource Summary Report

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Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer

RRID:SCR_028509

Type: Tool

Proper Citation

Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer (RRID:SCR_028509)

Resource Information

URL: <https://ccic.osu.edu/nuclear-magnetic-resonance/nmr-instruments#:~:text=Bruker%20Avance%20III%20HD%20Ultrashield%20600%20MHz>

Proper Citation: Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer (RRID:SCR_028509)

Description: High-resolution Nuclear Magnetic Resonance (NMR) spectrometer. Operating at 14.1 Tesla, it features an ultrashielded magnet for superior stray-field reduction and spatial efficiency. It is widely used for advanced structural analysis of small molecules, proteins, and macromolecules. Console: Avance III HD; Magnet: Ultrashield; Field Strength: 600 MHz; Software: TopSpin 3.8 on Alma 9.4; Probes: 5mm Triple-resonance Inverse (TXI) cryoprobe with Z-Gradients.

Synonyms: Avance III HD Ultrashield 600 MHz NMR Spectrometer

Resource Type: instrument resource

Keywords: NMR, spectrometer,

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/manual%20SCR_028509.pdf,
https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_028509.pdf

Resource Name: Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer

Resource ID: SCR_028509

Alternate IDs: Model_Number_Bruker_Avance_III_HD_Ultrashield_600 MHz

Alternate URLs: <https://people.ohioinnovationexchange.org/equipment/1696056>,
<https://www.bruker.com/en/products-and-solutions/mr/nmr/avance-nmr-spectrometer.html>

Record Creation Time: 20260605T195314+0000

Record Last Update: 20260725T191603+0000

Ratings and Alerts

No rating or validation information has been found for Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer.

No alerts have been found for Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.