

# Resource Summary Report

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## Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer

RRID:SCR\_028509

Type: Tool

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### Proper Citation

Bruker: Avance III HD Ultrashield 600 MHz NMR Spectrometer (RRID:SCR\_028509)

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### 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/manual%20SCR_028509.pdf),  
[https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR\\_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

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.