

# Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

## Bruker: Avance III HD Ascend 600 MHz Wide-Bore NMR with DNP

RRID:SCR\_028515

Type: Tool

### Proper Citation

Bruker: Avance III HD Ascend 600 MHz Wide-Bore NMR with DNP (RRID:SCR\_028515)

### Resource Information

**URL:** <https://ccic.osu.edu/nuclear-magnetic-resonance/nmr-instruments#:~:text=Bruker%20Avance%20III%20HD%20Ascend%20Wide%2DBore%20600%20MHz%20NMR%20with%20DNP>

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**Description:** System equipped with DNP (Dynamic Nuclear Polarization) used primarily to dramatically boost the sensitivity of nuclear magnetic resonance (NMR) spectroscopy. It allows researchers to study complex molecular structures, materials, and biological systems that are normally difficult or impossible to observe. Console: Avance III HD; Magnet: Ascend; Field Strength: 600 MHz Wide-bore; Software: TopSpin 3.8 on Alma 9.4; Probe: 3.2mm HCN LTMAS for DNP; 3.2mm HX LTMAS for DNP; 1.3mm HCN very-fast MAS.

**Synonyms:** , Avance III HD Ascend 600 MHz Wide-Bore NMR with DNP system

**Resource Type:** instrument resource

**Keywords:** NMR, spectrometer,

**Availability:** Commercially available

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/Avance%20III%20HD%20SCR\\_028515.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/Avance%20III%20HD%20SCR_028515.pdf), [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR\\_028515.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_028515.pdf)

**Resource Name:** Bruker: Avance III HD Ascend 600 MHz Wide-Bore NMR with DNP

**Resource ID:** SCR\_028515

**Alternate IDs:** Model\_Number\_Bruker\_Avance\_III\_HD\_Ascend\_600\_MHz\_Wide-Bore

**Alternate URLs:** <https://people.ohioinnovationexchange.org/equipment/1696064>,  
<https://www.bruker.com/en/products-and-solutions/mr/nmr/avance-nmr-spectrometer.html>,  
<https://people.ohioinnovationexchange.org/equipment/1696064>

**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 Ascend 600 MHz Wide-Bore NMR with DNP.

No alerts have been found for Bruker: Avance III HD Ascend 600 MHz Wide-Bore NMR with DNP.

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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.