

Resource Summary Report

Generated by [NIF](#) on Aug 19, 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>

Proper Citation: Bruker: Avance III HD Ascend 600 MHz Wide-Bore NMR with DNP (RRID:SCR_028515)

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/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: 20260815T183316+0000

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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.