

Resource Summary Report

Generated by [kravitz2](#) on Aug 27, 2026

Thermo Scientific: Orbitrap Astral Mass Spectrometer

RRID:SCR_028684

Type: Tool

Proper Citation

Thermo Scientific: Orbitrap Astral Mass Spectrometer (RRID:SCR_028684)

Resource Information

URL: https://www.thermofisher.com/us/en/home/industrial/mass-spectrometry/liquid-chromatography-mass-spectrometry-lc-ms/lc-ms-systems/orbitrap-lc-ms/orbitrap-astral-mass-spectrometer.html?erpType=Global_E1

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Description: Mass spectrometer for advanced, high-speed, and deep-coverage biological research, specifically targeting proteomics, clinical biomarker discovery, and single-cell analysis. It combines high-resolution accuracy with a rapid scan speed of up to 200 Hz. Powered by the synergy of the high resolution quadrupole mass filter, Thermo Scientific™ Orbitrap™ mass analyzer and the novel Thermo Scientific™ Astral™ mass analyzer. The combination of these three mass analyzers enables the acquisition of quality high resolution accurate mass (HRAM) data with high sensitivity and dynamic range.

Synonyms: , Thermo Scientific™ Orbitrap™ Astral

Resource Type: instrument resource

Keywords: Mass spectrometer, proteomics, proteins, clinical biomarker discovery, single-cell analysis,

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_028684.pdf

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Alternate IDs: Model_Number_Thermo_Scientific_Orbitrap_Astral

Alternate URLs: <https://documents.thermofisher.com/TFS-Assets/CMD/Specification-Sheets/ps-001797-ms-orbitrap-astral-ps001797-en.pdf>

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Record Last Update: 20260815T183324+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Scientific: Orbitrap Astral Mass Spectrometer.

No alerts have been found for Thermo Scientific: Orbitrap Astral Mass Spectrometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.