

Resource Summary Report

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Thermo Fisher: Exploris 240 LC/MS system

RRID:SCR_022216

Type: Tool

Proper Citation

Thermo Fisher: Exploris 240 LC/MS system (RRID:SCR_022216)

Resource Information

URL: <https://mass-spec.stanford.edu/instruments>

Proper Citation: Thermo Fisher: Exploris 240 LC/MS system (RRID:SCR_022216)

Description: Exploris 240 system is hybrid quadrupole Orbitrap mass spectrometer with Waters H-Class Acquity, ZipChip, and DART front ends. Flexible platform for wide range of small molecule and intact protein analyses.

Synonyms: , Exploris 240 system, Thermo Scientific Orbitrap Exploris 240 LC/MS system

Resource Type: instrument resource

Keywords: instrument, equipment, hybrid quadrupole Orbitrap mass spectrometer, Waters H-Class Acquity, ZipChip, DART, small molecule, intact protein analyses

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_022216.pdf

Resource Name: Thermo Fisher: Exploris 240 LC/MS system

Resource ID: SCR_022216

Alternate IDs: Model_Number_Orbitrap_Exploris_240

Record Creation Time: 20220430T050150+0000

Record Last Update: 20260912T200022+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Exploris 240 LC/MS system.

No alerts have been found for Thermo Fisher: Exploris 240 LC/MS system.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zakrzewska S, et al. (2026) Saxiphilin is a broad-spectrum toxin sponge for C13-modified saxitoxins. bioRxiv : the preprint server for biology.

El Nesr G, et al. (2026) Zero-shot design of a de novo metalloenzyme. bioRxiv : the preprint server for biology.

Song X, et al. (2026) Biomolecular condensates mediate C-N bond formation. Nature chemical biology, 22(7), 1165.

Kelly B, et al. (2026) Sulfur partitioning from cysteine controls T cell proliferation and effector function. Cell, 189(12), 3669.

Starvaggi FA, et al. (2026) Development and characterization of LipoCatch: a bacterial lipoprotein-based biomaterial that self-assembles into nanostructures. Nanoscale advances.

Zakrzewska S, et al. (2026) Saxiphilin is a broad-spectrum toxin sponge for C13-modified saxitoxins. Structure (London, England : 1993).

Feist WN, et al. (2025) Multilayered HIV-1 resistance in HSPCs through CCR5 Knockout and B cell secretion of HIV-inhibiting antibodies. Nature communications, 16(1), 3103.

Giles BM, et al. (2025) Utilizing Serum-Derived Lipidomics with Protein Biomarkers and Machine Learning for Early Detection of Ovarian Cancer in the Symptomatic Population. Cancer research communications, 5(9), 1516.

Park ER, et al. (2025) A chemogenetic ligand-receptor pair for voltage-gated sodium channel subtype-selective inhibition. bioRxiv : the preprint server for biology.

Lu OD, et al. (2025) A multi-institutional investigation of psilocybin's effects on mouse behavior. bioRxiv : the preprint server for biology.

Gao Y, et al. (2025) Convenient syntheses of isotopically labeled pyrimidine 2'-deoxynucleosides and their 5-hydroxy oxidation products. Nucleosides, nucleotides & nucleic acids, 44(11), 915.

Hansen ME, et al. (2025) Unidirectional Chain Transfer of Enol Ethers Yields Heterotelechelic Degradable Poly(Enol Ether). ACS macro letters, 14(10), 1492.

AbdElwakil MM, et al. (2025) In Vivo mRNA Delivery to the Lung Vascular Endothelium by Dicationic Charge-Altering Releasable Transporters. Journal of the American Chemical

Society, 147(44), 40146.

Chosy MB, et al. (2024) Vancomycin-Polyguanidino Dendrimer Conjugates Inhibit Growth of Antibiotic-Resistant Gram-Positive and Gram-Negative Bacteria and Eradicate Biofilm-Associated *S. aureus*. *ACS infectious diseases*, 10(2), 384.

Caty SN, et al. (2024) A toxic environment selects for specialist microbiome in poison frogs. *bioRxiv : the preprint server for biology*.

Faucher FF, et al. (2023) Protease Activated Probes for Real-Time Ratiometric Imaging of Solid Tumors. *ACS central science*, 9(5), 1059.

Sangster M, et al. (2023) Brain cell type specific proteomics approach to discover pathological mechanisms in the childhood CNS disorder mucopolidosis type IV. *Frontiers in molecular neuroscience*, 16, 1215425.

Park C, et al. (2023) Antagonistic Insulin Derivative Suppresses Insulin-Induced Hypoglycemia. *Journal of medicinal chemistry*, 66(11), 7516.