

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: 20260815T182720+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.

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

Park ER, et al. (2025) A chemogenetic ligand-receptor pair for voltage-gated sodium channel subtype-selective inhibition. *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.