

Resource Summary Report

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Bruker: Microflex MALDI TOF mass spectrometer

RRID:SCR_018696

Type: Tool

Proper Citation

Bruker: Microflex MALDI TOF mass spectrometer (RRID:SCR_018696)

Resource Information

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

Proper Citation: Bruker: Microflex MALDI TOF mass spectrometer (RRID:SCR_018696)

Description: Microflex LRF mass spectrometer is specialized for protein, peptide, and polymer analysis. This MALDI-TOF instrument can be operated in linear mode for high mass accuracy characterization, or in reflector mode to achieve enhanced resolution.

Synonyms: Bruker Microflex MALDI-TOF, Bruker Microflex MALDI-TOF mass spectrometer

Resource Type: instrument resource

Keywords: Mass spectrometer, Bruker Microflex MALDI-TOF, linear mode for high mass accuracy, polymers, peptides, proteins, lipids, glycans, mass characterization, reflector mode, enhanced resolution, instrument, equipment, matrix-assisted laser desorption/ionization time-of-flight, USEDit

Availability: Open

Resource Name: Bruker: Microflex MALDI TOF mass spectrometer

Resource ID: SCR_018696

Alternate IDs: SCR_019779

Alternate URLs: <https://www.bruker.com/products/mass-spectrometry-and-separations/maldi-toftof/autoflex-max.html>, https://bpb-us-w2.wpmucdn.com/sites.udel.edu/dist/b/702/files/2015/12/microflex-User-Manual-1-2_2008-08-29-1xim3le.pdf

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Ratings and Alerts

No rating or validation information has been found for Bruker: Microflex MALDI TOF mass spectrometer.

No alerts have been found for Bruker: Microflex MALDI TOF mass spectrometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Thacker PS, et al. (2026) A SMUG1 Inhibitor Modulates the Excision of Pyrimidine DNA Damage. ACS medicinal chemistry letters, 17(6), 1285.

Gao Y, et al. (2025) Small-molecule activator of SMUG1 enhances repair of pyrimidine lesions in DNA. DNA repair, 146, 103809.

Chang MP, et al. (2025) Repetitive proteins that undergo large conformational changes evade structural prediction algorithms. The Journal of chemical physics, 163(22).

Sobsey CA, et al. (2024) mTORC1-Driven Protein Translation Correlates with Clinical Benefit of Capivasertib within a Genetically Preselected Cohort of PIK3CA-Altered Tumors. Cancer research communications, 4(8), 2058.

Thompson IAP, et al. (2023) An antibody-based molecular switch for continuous small-molecule biosensing. Science advances, 9(38), eadh4978.