

Resource Summary Report

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Waters: Xevo TQ-XS mass spectrometer

RRID:SCR_018510

Type: Tool

Proper Citation

Waters: Xevo TQ-XS mass spectrometer (RRID:SCR_018510)

Resource Information

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

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Description: Advanced benchtop tandem quadrupole mass spectrometer which expands scope of ultimate sensitivity analysis. Features probe design which allows users much easier maintenance, optimization and improved reproducibility between operators. Method transfer onto Xevo TQ-XS is made simple by Xtended Dynamic Range detector which allows six orders of linear dynamic range. Wider compound coverage without changing ionization technique is delivered by the revolutionary UniSpray source option.

Synonyms: TQ-XS Triple Quad Mass Spectrometer, Xevo TQ-XS, SUMS Xevo

Resource Type: instrument resource

Keywords: Benchtop mass spectrometer, instrument, equipment, USEDit

Funding: NIH S10 OD026962

Resource Name: Waters: Xevo TQ-XS mass spectrometer

Resource ID: SCR_018510

Alternate URLs:

https://www.waters.com/waters/library.htm?cid=134889751&lid=134891088&locale=en_US,
<https://www.waters.com/webassets/cms/support/docs/715004990ra.pdf>

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260905T132837+0000

Ratings and Alerts

No rating or validation information has been found for Waters: Xevo TQ-XS mass spectrometer.

No alerts have been found for Waters: Xevo TQ-XS mass spectrometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Budamkayala M, et al. (2026) Ketamine enhancement of dexmedetomidine attenuation of methamphetamine-induced agitation in rats. *Journal of pharmacy & pharmaceutical sciences : a publication of the Canadian Society for Pharmaceutical Sciences, Societe canadienne des sciences pharmaceutiques*, 29, 16294.

Liu Q, et al. (2026) Structural basis for selective thymidine binding by the *Borrelia burgdorferi* substrate-binding protein BmpA. *The Journal of biological chemistry*, 302(7), 113206.

Wang YK, et al. (2026) Hyperspectral reconstruction of white light endoscopy images for enhanced segmentation of early esophageal lesions in patients. *iScience*, 29(5), 115460.

Liu Q, et al. (2026) Structure and ligand specificity of *Borrelia burgdorferi* BmpA. *bioRxiv : the preprint server for biology*.

Cabrera M, et al. (2025) NAD⁺ depletion drives age-related monocyte hyperinflammation after stroke and is reversed by nicotinamide riboside. *Journal of neuroinflammation*, 23(1), 7.

Nshanian M, et al. (2025) Short-chain fatty acid metabolites propionate and butyrate are unique epigenetic regulatory elements linking diet, metabolism and gene expression. *Nature metabolism*, 7(1), 196.

Rodrigues AJ, et al. (2024) Repurposing mebendazole against triple-negative breast cancer CNS metastasis. *Journal of neuro-oncology*, 168(1), 125.

Pedersen KK, et al. (2024) Ablative fractional laser treatment reduces hedgehog pathway gene expression in murine basal cell carcinomas. *Lasers in medical science*, 39(1), 55.

Rodrigues A, et al. (2024) Repurposing mebendazole against triple-negative breast cancer leptomeningeal disease. *Research square*.

Kang J, et al. (2024) Depletion of SAM leading to loss of heterochromatin drives muscle stem cell ageing. *Nature metabolism*, 6(1), 153.

Lemieux GA, et al. (2023) The steroid hormone ADIOL promotes learning by reducing neural kynurenic acid levels. *Genes & development*, 37(21-24), 998.

Bakooshli MA, et al. (2023) Regeneration of neuromuscular synapses after acute and chronic denervation by inhibiting the enzyme 15-prostaglandin dehydrogenase. *Science translational medicine*, 15(717), eadg1485.