

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Leica: VT1200S vibratome

RRID:SCR_018453

Type: Tool

Proper Citation

Leica: VT1200S vibratome (RRID:SCR_018453)

Resource Information

URL: <https://www.leicabiosystems.com/es/equipo-histologia/microtomos-deslizantes/microtomos-de-cuchillas-vibrantes/leica-vt1200-s/>

Proper Citation: Leica: VT1200S vibratome (RRID:SCR_018453)

Description: Fully automated Leica VT1200 S vibrating blade microtome designed for sectioning for cutting fresh and fixed tissue in neuroscience by Leica Biosystems.

Synonyms: Leica VT1200 S vibrating blade microtome, Leica VT1200S

Resource Type: instrument resource

Keywords: Vibrating blade microtome, vibratome, sectioning, cutting, fresh tissue, fixed tissue, instrument, equipment

Availability: Restricted

Resource Name: Leica: VT1200S vibratome

Resource ID: SCR_018453

Alternate URLs: https://www.leicabiosystems.com/sites/default/files/media_product-download/2021-03/Leica_VT1200S_IFU_1v7J_en.pdf

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260801T190614+0000

Ratings and Alerts

No rating or validation information has been found for Leica: VT1200S vibratome.

No alerts have been found for Leica: VT1200S vibratome.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Lee CR, et al. (2025) Separable dorsal raphe dopamine projections mimic the facets of a loneliness-like state. *eLife*, 14.

Chen L, et al. (2025) Motor cortical neuronal hyperexcitability associated with α -synuclein aggregation. *NPJ Parkinson's disease*, 11(1), 18.

Maurya SK, et al. (2025) Mucin 5AC Promotes Breast Cancer Brain Metastasis through cMET/CD44v6. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(5), 921.

Wang J, et al. (2025) Microglia-Mediated Synaptic Dysfunction Contributes to Chemotherapy-Related Cognitive Impairment. *Journal of neurochemistry*, 169(3), e70024.

Matera A, et al. (2025) Microglial lipid phosphatase SHIP1 limits complement-mediated synaptic pruning in the healthy developing hippocampus. *Immunity*, 58(1), 197.

Singhal SM, et al. (2025) Mu-opioid receptor activation potentiates excitatory transmission at the habenulo-peduncular synapse. *Cell reports*, 44(7), 115874.

Serikov A, et al. (2024) Protocol for in vivo dual-color fiber photometry in the mouse thalamus. *STAR protocols*, 5(2), 102931.

Chen L, et al. (2024) Motor Cortical Neuronal Hyperexcitability Associated with α -Synuclein Aggregation. *Research square*.

Chen L, et al. (2024) Motor Cortical Neuronal Hyperexcitability Associated with α -Synuclein Aggregation. *bioRxiv : the preprint server for biology*.

Bruentgens F, et al. (2024) The Lack of Synapsin Alters Presynaptic Plasticity at Hippocampal Mossy Fibers in Male Mice. *eNeuro*, 11(7).

Khodaie B, et al. (2024) Distinct GABAergic modulation of timing-dependent LTP in CA1 pyramidal neurons along the longitudinal axis of the mouse hippocampus. *iScience*, 27(3), 109320.

Warlow SM, et al. (2024) Mesoaccumbal glutamate neurons drive reward via glutamate release but aversion via dopamine co-release. *Neuron*, 112(3), 488.

Yaeger CE, et al. (2024) A dendritic mechanism for balancing synaptic flexibility and stability. *Cell reports*, 43(8), 114638.

Nayana J, et al. (2024) Repeated finasteride administration promotes synaptic plasticity and produces antidepressant- and anxiolytic-like effects in female rats. *Journal of neuroscience research*, 102(3), e25306.

Midorikawa M, et al. (2024) Developmental refinement of the active zone nanotopography and axon wiring at the somatosensory thalamus. *Cell reports*, 43(10), 114770.

Radford RAW, et al. (2023) Identification of phosphorylated tau protein interactors in progressive supranuclear palsy (PSP) reveals networks involved in protein degradation, stress response, cytoskeletal dynamics, metabolic processes, and neurotransmission. *Journal of neurochemistry*, 165(4), 563.

Hooshmandi M, et al. (2023) Protocol for measuring protein synthesis in specific cell types in the mouse brain using in vivo non-canonical amino acid tagging. *STAR protocols*, 5(1), 102775.

Serra GP, et al. (2023) A role for the subthalamic nucleus in aversive learning. *Cell reports*, 42(11), 113328.

Chen L, et al. (2023) Reduced thalamic excitation to motor cortical pyramidal tract neurons in parkinsonism. *Science advances*, 9(34), eadg3038.

Shin A, et al. (2023) A brainstem-to-mediadorsal thalamic pathway mediates sound-induced arousal from slow-wave sleep. *Current biology : CB*, 33(5), 875.