Resource Summary Report

Generated by RRID on Apr 8, 2025

Sutter P-1000 Next Generation Micropipette Puller

RRID:SCR_021042
Type: Tool

Proper Citation

Sutter P-1000 Next Generation Micropipette Puller (RRID:SCR_021042)

Resource Information

URL: https://www.sutter.com/MICROPIPETTE/p-1000.html

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Description: P-1000 include diagnostic testing of all puller components, built in error detection of air pressure loss or filament burnout, easy access to ramp test, measurement of jaw temperature, and access to previous pull results with heat on times for each cycle of program.Help topics are pre-loaded to assist with on-site troubleshooting and built-in glossary includes text, pictures, and diagrams explaining terms used in micropipette fabrication. Rotary dial is offered as alternative to keypad for numerical entry.

Resource Type: instrument resource

Keywords: Micropipette puller, instrument, equipment, USEDit

Funding:

Availability: Commercially available

Resource Name: Sutter P-1000 Next Generation Micropipette Puller

Resource ID: SCR_021042

Alternate IDs: Model_Number_P1000

Record Creation Time: 20220129T080353+0000

Record Last Update: 20250214T183439+0000

Ratings and Alerts

No rating or validation information has been found for Sutter P-1000 Next Generation Micropipette Puller.

No alerts have been found for Sutter P-1000 Next Generation Micropipette Puller.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

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

Bearss RJ, et al. (2025) Activation of ionotropic and group I metabotropic glutamate receptors stimulates kisspeptin neuron activity in mice. Journal of neuroendocrinology, 37(1), e13456.

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

Cherian S, et al. (2024) Loss of Midbrain Dopamine Neurons Does Not Alter GABAergic Inhibition Mediated by Parvalbumin-Expressing Interneurons in Mouse Primary Motor Cortex. eNeuro, 11(5).

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

Cheung G, et al. (2024) Protocol for mapping cell lineage and cell-type identity of clonally-related cells in situ using MADM-CloneSeq. STAR protocols, 5(3), 103168.

Cheung G, et al. (2024) Multipotent progenitors instruct ontogeny of the superior colliculus. Neuron, 112(2), 230.

Kim HJ, et al. (2023) GABAergic-like dopamine synapses in the brain. Cell reports, 42(10), 113239.

Chen YC, et al. (2023) Extracellular ATP Neurotransmission and Nicotine Sex-Specifically Modulate Habenular Neuronal Activity in Adolescence. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(48), 8259.

Offner T, et al. (2023) Functional odor map heterogeneity is based on multifaceted glomerular connectivity in larval Xenopus olfactory bulb. iScience, 26(9), 107518.

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

Beekhof GC, et al. (2021) Differential spatiotemporal development of Purkinje cell populations and cerebellum-dependent sensorimotor behaviors. eLife, 10.

Lujan BJ, et al. (2021) Developmental shift to mitochondrial respiration for energetic support of sustained transmission during maturation at the calyx of Held. Journal of neurophysiology, 126(4), 976.