Resource Summary Report

Generated by RRID on Apr 8, 2025

MultiClamp 700A Microelectrode Amplifier

RRID:SCR_021040
Type: Tool

Proper Citation

MultiClamp 700A Microelectrode Amplifier (RRID:SCR_021040)

Resource Information

URL: https://mdc.custhelp.com/euf/assets/content/MultiClamp_700A_Manual2.pdf

Proper Citation: MultiClamp 700A Microelectrode Amplifier (RRID:SCR_021040)

Description: Computer controlled microelectrode current and voltage clamp amplifier for electrophysiology and electrochemistry. It is a versatile instrument capable of single-channel and whole-cell voltage clamping, current clamping, ionselective electrode recording, voltammetry and amperommetry.

Synonyms: MultiClamp 700A

Resource Type: instrument resource

Keywords: Clamp amplifier, electrophysiology, electrochemistry, microelectrode amplifier, instrument, equipment, USEDit

Funding:

Availability: Commercially available

Resource Name: MultiClamp 700A Microelectrode Amplifier

Resource ID: SCR_021040

Alternate IDs: Model_Number_MultiClamp_700A

Record Creation Time: 20220129T080353+0000

Record Last Update: 20250214T183429+0000

Ratings and Alerts

No rating or validation information has been found for MultiClamp 700A Microelectrode Amplifier.

No alerts have been found for MultiClamp 700A Microelectrode Amplifier.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Smith CC, et al. (2024) Kv2 channels do not function as canonical delayed rectifiers in spinal motoneurons. iScience, 27(8), 110444.

Ritzau-Jost A, et al. (2023) Direct whole-cell patch-clamp recordings from small boutons in rodent primary neocortical neuron cultures. STAR protocols, 4(2), 102168.

Zhang Z, et al. (2021) Experience-dependent weakening of callosal synaptic connections in the absence of postsynaptic FMRP. eLife, 10.

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