

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

Molecular Devices: MultiClamp 700A Microelectrode Amplifier

RRID:SCR_021040

Type: Tool

Proper Citation

Molecular Devices: MultiClamp 700A Microelectrode Amplifier (RRID:SCR_021040)

Resource Information

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

Proper Citation: Molecular Devices: 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 amperometry.

Synonyms: MultiClamp 700A

Resource Type: instrument resource

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

Availability: Commercially available

Resource Name: Molecular Devices: MultiClamp 700A Microelectrode Amplifier

Resource ID: SCR_021040

Alternate IDs: Model_Number_MultiClamp_700A

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260912T195950+0000

Ratings and Alerts

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

No alerts have been found for Molecular Devices: 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 [NIF](#) .

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.