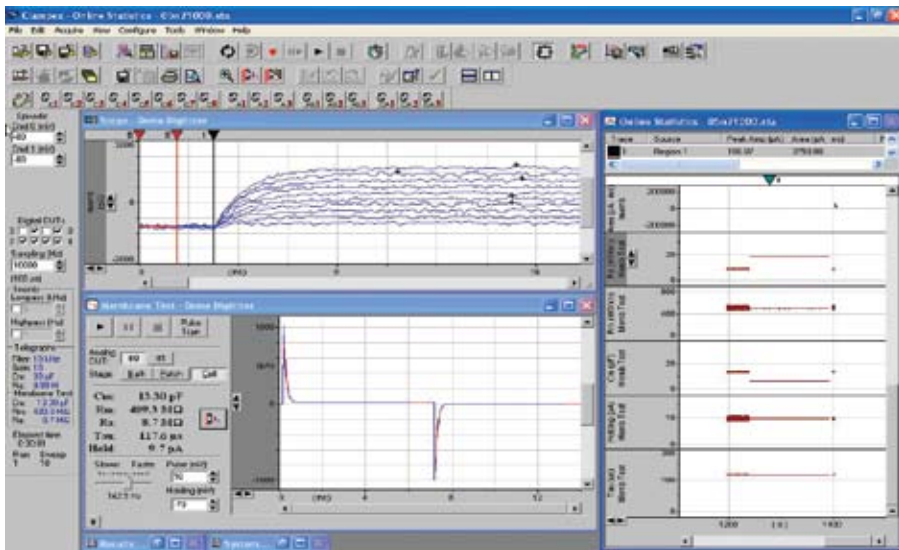


# The most widely-used patch clamp data acquisition and analysis program.



## pCLAMP 10 Software

The pCLAMP 10 software suite fulfills many different experimental needs, such as synchronized stimulation, event detection, and online analysis. It is the most widely-used data acquisition and analysis program for the control and recording of voltage-clamp, current-clamp, and patch-clamp experiments. Three separate programs are included: Clampex 10, AxoScope 10, Clampfit 10.

Clampex 10 expands the range and quality of your data acquisition experiments. These improvements should prove useful for a wide variety of applications, allowing more flexibility in your experimental protocols.

### Requirements

Minimum:

- Windows 2000, 1.2 GHz CPU, 512 MB RAM, 500 MB hard disk, 1024 x 768 display, CD-ROM drive, 1 USB 1.1 port, Digidata 1320 series digitizer, 1 PCI slot (full height)

Recommended:

- 32-bit Windows Vista, 2.4 GHz CPU, 1 GB RAM, 32 GB hard disk, 1024 x 768 display, CD-ROM drive, 2 USB 2.0 ports, Digidata 1440A digitizer, Network connection

### New Features

- Membrane Test calculates  $R_a$  and  $C_m$  per sweep during a recording
- Membrane and Seal Tests combined into a single resizable window
- Support for four stimulus waveforms (with the Digidata 1440A digitizer)
- Control of eight digital outputs per epoch during a sweep
- Control of split-clock sampling per epoch during a sweep
- Leak subtraction automatically saves both raw and corrected traces
- All protocol durations are entered in time units
- Support of the new Digidata 1440A digitizer
- Support of the new Axoclamp 900A amplifier
- New ABF 2.0 file format

### Applications

pCLAMP 10 is suitable for a wide variety of applications.

### Uses:

- Action Potentials (APs)
- Current-clamp
- Electromyography (EMG)
- Electrooculography (EOG)
- Excitatory Post-Synaptic Currents (EPSCs)
- Excitatory Post-Synaptic Potentials (EPSPs)
- Inhibitory Post-Synaptic Currents (IPSCs)
- Inhibitory Post-Synaptic Potentials (IPSPs)
- Long-Term Depression (LTD)
- Long-Term Potentiation (LTP)
- Miniature excitatory potentials (Minis)
- Ratio dyes (with PMTs)
- Single-channels
- Slices
- Spike trains
- Synaptic networks
- Voltage-clamp
- Whole-cell



## MDS Analytical Technologies/Axon CNS Ordering Information

Part No.	Product Description	Price
MultiClamp	MultiClamp 700B computer-controlled current & patch clamp amp	\$ 15,215
Axoclamp	Axoclamp 900A computer-controlled current & voltage clamp	\$ 10,166
Axopatch	Axopatch 200B-2 capacitor feedback patch clamp amp	\$ 13,025
SoftPanel	SoftPanel (USB) optional control panel	\$ 1,065
Digidata	Digidata 1440A data acquisition system	\$ 5,694
pCLAMP	pCLAMP 10 Standard electrophysiology software (Windows)	\$ 5,150
pCLAMP Upgd	pCLAMP 10 Upgrade available for previous versions of pCLAMP	\$ 469+
Axoprotator	Axoprotator 800A single-cell electroporator	\$ 7,060
Mo-1-CV-7B	Headstage CV-7B patch clamp (standard) for MultiClamp 700B	\$ 3,045
Mo-HL-U	Electrode holder for all Universal (U)-type headstages	\$ 185
Mo-HS-9A-X10U	HS-9A headstage for Axoclamp 900A (choose x0.1, x1, x10 U)	\$ 569
	Complete Axon CNS cellular neuroscience product line avail.	

U.S./Canada prices shown. International prices add 15%. Email or visit web store for latest prices.

