

As successor of the PULSE program family, PATCHMASTER now offers additional features meeting the highest standards of modern electrophysiology. This new software, running on PC-based and Macintosh computers, harbors all comfortable functions of PULSE, but offers a variety of novel procedures aimed to make electrophysiological research even more versatile and efficient.

With PATCHMASTER experimental design, performance, and analysis become much more flexible giving rise to a high degree of automation and providing access to experimental protocols that were thus far unattainable with commercial software

**Features:**

- o Virtual front panel of the EPC 10 and EPC 9
- o Supports EPC 10 and EPC 9 Double/Triple amplifiers
- o All amplifier settings can be controlled by either mouse or keyboard
- o All other amplifiers (e.g. EPC 8, EPC 7) in combination with an ITC-18, ITC-16, or LIH 1600 interface are supported
- o Eight channel (A/D) acquisition
- o Three channels D/A (Trigger, auxiliary stimulation channels)
- o Organization of your experimental data (tree structure)
- o Automatic routines for leak and capacitive transient compensation
- o p/n Leak correction
- o Software Gaussian filter
- o Filters perform excellent signal conditioning
- o Customizable oscilloscope window
- o Integrated software pulse generator
- o Immediate analysis of the just acquired data
- o Online analysis of different parameters
- o Printout of oscilloscope and online analysis
- o Macro features
- o LockIn amplifier for capacitance measurements