

AxoGraph X

About AxoGraph

AxoGraph was designed to provide a simple path from binary digitized data files to publication quality figures, and to provide a range of analysis features in flexible, convenient form. It is tailored for scientists and engineers who measure and manipulate large volumes of digitized data.

A programming environment is built into AxoGraph, so that custom analyses or macros can be added.

AxoGraph can be used for the analysis of continuous or episodic data. Analyses include flexible peak detection and measurements, very fast exponential fitting, baseline correction, dose-response analysis, power spectrum analysis, etc. AxoGraph directly supports AxoData, AxoTape, AxoScope, Chart (AD Instruments), Igor (WaveMetrics), CricketGraph, KaleidaGraph and pCLAMP data files, and can also read most other binary or text data files. Import modules are provided for Neurocom, Grass-Telefactor and CED (Cambridge Electronic Design) binary data files (CED files must be saved in CFS 2.0 or SON format).

AxoGraph was not designed to be a word processor, spreadsheet or page layout program. Many commercial programs are available to fill these needs. AxoGraph communicates with these programs via the clipboard or via export files.

Programming AxoGraph

AxoGraph is fully programmable, and supports the Pascal, Fortran, BASIC and C languages. Programs can be executed from any text window or from the Program menu. AxoGraph provides an extensive, fully-documented suite of built-in functions for manipulating graph and text windows, posing dialogs, etc. Support for any data file format can be added using a program module in combination with AxoGraph I/O library functions.

Frequently used programs can be assigned names, which are then appended to the Program menu. This is done by saving them in the "Plug-In Programs" folder.

The analysis and display features found under the Program menu are all Plug-In programs. They can easily be customized. If not needed, they can be removed from the menu by dragging them out of the "Plug-In Programs" folder, then selecting "Reload Plug-Ins" under the Program menu.

Programs can manipulate data and change display parameters in any graph window. They can interact with the user via standard dialogs. A single line of a program can be executed by typing it into a text window and then hitting the "enter" key. Several lines can be executed by selecting them in a text window and then hitting the "enter" key.

Details are available via the **Programming Help...** menu item under the **Program** menu.

Online User Manual

For documentation of all AxoGraph X features, refer to the online manual, '**AxoGraph X User Manual**' and the '**Data Acquisition User Manual**', which can be accessed via the 'Help' menu. The online manual is a PDF file with bookmarks for convenient navigation. It can be opened using Preview or Acrobat Reader.

Bug Reports and Technical Support

Axon Instruments provides technical support for AxoGraph via e-mail.

Suggestions and bug reports help us improve AxoGraph X. It is particularly helpful if you can supply a step-by-step description of the conditions that demonstrate the problem. Sending a copy of a file that demonstrates the problem as an e-mail attachment is strongly recommended. It can be difficult for us to duplicate your problem without supporting materials. Send bug reports to:

AxoGraph.Support@webone.com.au