



Chart Extensions



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Chart Extensions – add extra features to Chart

Chart extensions are software plug-ins that add extra features to Chart software, providing specialised data display and analysis capability. They may be downloaded [FREE](#)

Chart extensions available at the time of printing include:

- ▶ Absorbance – Convert a spectrophotometer's transmittance signal into a linear absorbance signal.
- ▶ Amplitude Histogram – Determine the amplitude distribution of a signal. Various graphing options available.
- ▶ Curve Fit – Perform non-linear least squares fitting of equations to recorded data.
- ▶ Digital Filter – Apply offline digital filtering to data. Includes a number of filtering options not available in Chart.
- ▶ Export IGOR – Save Chart data in IGOR Pro compatible format.
- ▶ Export MATLAB – Save Chart data in MATLAB compatible format.
- ▶ Export QuickTime – Save Chart data as a QuickTime movie.
- ▶ Export WAV – Save Chart data as a WAV audio file.
- ▶ Function Generator – Generate artificial data from user defined functions.
- ▶ FIA – Automatically detect and analyze peaks from flow injection analysis and similar experiments.
- ▶ Multipoint Calibration – Perform linear and non-linear calibration of a signal with up to 12 standard points.
- ▶ Peak Parameters – Extract peak parameters such as area, width and slope from a recorded peak.
- ▶ pH Calibration – Calibrate a signal from a pH electrode or ISE.
- ▶ Play Sound – Play back Chart data as a sound.
- ▶ RMS & Noise – Calculate and view the power content of a signal.
- ▶ Savitzky-Golay – Apply Savitzky-Golay smoothing to Chart data.
- ▶ Shift – Shift the timescale of Chart data.
- ▶ STM (Spectral-Temporal Mapping) – Perform simple frequency analysis of collected data.
- ▶ Template – Match a data template with similar occurrences in a larger data set.
- ▶ Thermocouple – Automatically calibrate the output of the Thermocouple Pod.
- ▶ Translate Binary – Export Chart files to a simple binary format.
- ▶ XY Plot – Plot one channel of data against another, in real time.

New Chart extensions are continuously being developed. Check the eDAQ website for any recent additions. Some may only be available, or relevant to a particular operating system – i.e. Windows or Macintosh.