



Chart Software

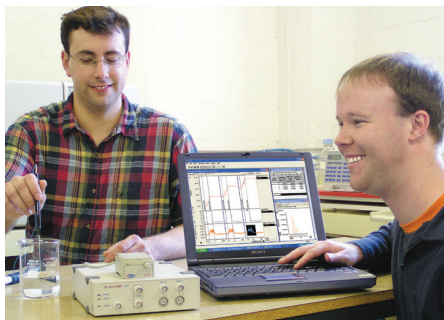


Chart software running with an **e-corder** hardware unit

- Virtual multi-pen chart recorder
- Up to 16 display channels
- 0.1 /min to 2×10^5 /s sampling speed
- Windows or Macintosh
- No programming required – just plug and play
- Many analysis features
- Free plug-in Chart extensions
- Pre- or post triggering
- Ideal for educational or research use

Description

Turn your computer into a multi-pen chart recorder! Chart™ software runs on Windows or Macintosh computers with an **e-corder**® hardware unit.

Chart is suitable for recording analog voltage signals up to ± 10 V, and can be used with a wide range of instrumentation. It is also fully compatible with the range of eDAQ Amps and Pods, providing full software control of these devices.

Display Modes

Signals are displayed as a continuous record. You can scroll backwards or forward to review data, compress or expand the time and amplitude axes, zoom in for close inspection, overlay channels, or even plot the data on one channel versus the data on a second channel (XY plotting).

You can stop and start recording, with new settings if required, while new traces are appended to the existing file, keeping your hard disk free of clutter.

Signal Calibration

The signal can be displayed in true physical units, using single, double or multi-point calibration.

Data Pad

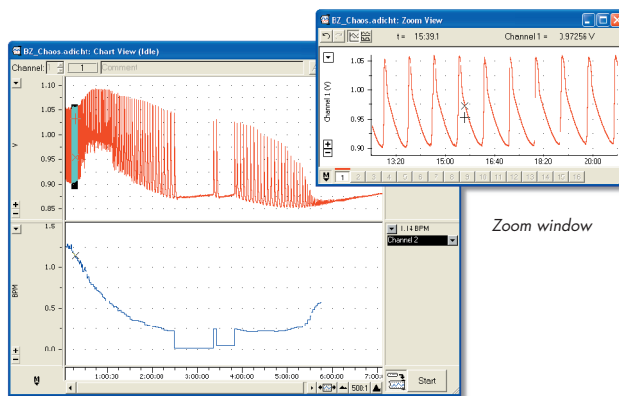
The Data Pad is an internal mini-spreadsheet that helps analyze data by extracting useful parameters (mean, standard deviation, slope, integral, etc.) from selections of data.

Notebook and Comments

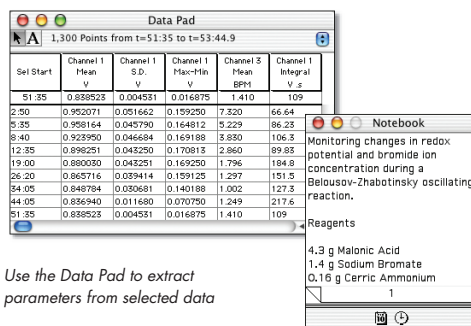
Store your experimental description and observations with the data file in the internal Notebook. Comments let you add information at particular times of the recording.

Transform Data

Functions include smoothing, integrating or differentiating data. The raw data is always maintained internally and can be recovered. Inter-channel arithmetic is allowed (e.g. channel 3 = channel 2 \div channel 1).

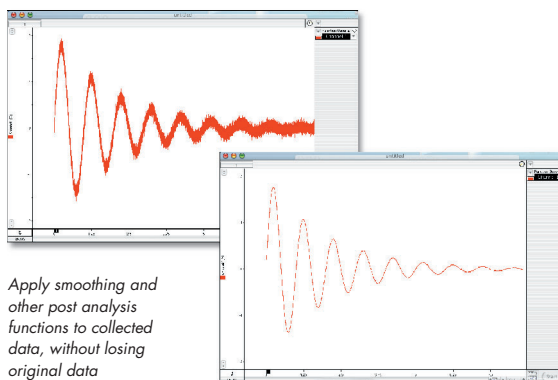


Main Chart window



Use the Data Pad to extract parameters from selected data

Record notes on an experiment in the Notebook



Apply smoothing and other post analysis functions to collected data, without losing original data

