

# PSI-Plot 8.8 *Win 95/98/ME/2000/XP/Vista*

## New Features Highlights

- Version 8.8 of PSI-Plot is fully compatible with the Microsoft Windows Vista operating system.
- Expanded data sheet handling data up to 524,288 rows and 1024 columns.
- New and improved data editing features include filling missing cells with interpolated data, inserting data block, improved editing undo, supporting Wave data format, new and enriched data-displaying formats.
- Improved multiple levels data sorting for both balanced and unbalanced data.
- New simplex and Powell methods for nonlinear fitting with enhanced model diagnostic report.
- Over 100 new predefined fitting models.
- Dose-response analysis for estimating: LD50/LC50 and EC50/IC50.
- Weibull analysis for failure rate.
- Kaplan-Meier survival and hazard estimates.
- Enhanced mathematical transformation with references to column and cell indices.
- New mathematical and statistical features such as column statistics and function evaluation.
- New plot wizard will create your desired plot in a more convenient and intuitive way.
- The improved OLE server functions allow you to insert your PSI graphics inside word processors (such as Word) and presentation programs (such as PowerPoint) reliably. The in-place editing feature offers you the power to edit your PSI graphics inside these applications.
- Export graphs in PDF and other commonly used formats.
- New plot types include candlestick charts for stocks, survival curve, Nichols chart, floating column charts, 3D-scatter plot with user-specified symbol labels, polar bar charts, polar histogram charts, and tableau plots (animal zoo plots) for 2D scattering curves, vertical bars, and horizontal bars.
- Inserting data points into an existing plot graphically.
- Adding multiple fitted curves from over 100 models with user controllable data ranges and best-fit parameters graphically.
- Enhanced multiple-level undo for graph editing.
- Fine-tuning a text object with new alignment, size, location, and space capability.
- New axis modes: decibel (dB) mode and BER (Bit Error Ratio) mode.
- The expanded status line hint messages will report virtually all the information regarding your mouse location such as screen position, axes coordinates, data values, data source, related calculation results, and many others.
- Optional comma separator, prefix, and suffix labels for axis tick marks provide you with extra power to label your axis.
- For 3D plots, new real time drawing option for 3D move, resize, and rotation and new capability to turn the grid lines on and off on each plane separately.
- For surface plot, a new interpolation method will interpolate any irregular data and generate a smooth surface. The new program also offers you the option of drawing the contour on the surface or on the projection plane.
- New cluster function plot allows you to plot a cluster of functions and the function plot model for plotting complicated multiple-lines functions.
- New plotting tools and line types.
  - Moving a graphics object with arrow keys.
- More optional error specifications for creating automatic error bar charts.
- Expanded drop line options to plot drop lines in any direction for both 2D and 3D plots.
- New document format control allows you to set the page mode, margin sizes, and many other options such as data title, time stamp, page count, etc.
- Enhanced template and batch process with a new tutorial lesson on using template and batch processing.