

New Features Highlights

- The new program is fully compatible with the Microsoft Windows 7 operating system and the earlier versions of Microsoft Windows.
 - New built-in mathematical functions include log-factorial, complementary log-log, inversion of complementary log-log, Bessel functions, modified Bessel functions, Dawson function, and exponential integral.
 - New maximum likelihood estimations for generalized linear models (GLM) with observed data following normal, Poisson, and binomial error distribution.
 - Improved Poisson and logistic data-fitting methods and results reports.
 - Enhanced macro capabilities for recording and duplicating repeated procedures.
 - Enhanced boundary condition calculations for data differential and data integral with clamped spline interpolating option.
 - Enhanced data-fitting routines automatically handle missing data points and improve results reports.
 - New maximum likelihood method for the calculation of LD/LC and confidence intervals at any desired probability level (such as LD25, LD50, LD70 etc).
 - Enhanced data importation avoids duplicated names for data merges and allows user-specified delimiter options.
 - New data format supporting times with fractional seconds.
 - Enhanced data management for data ranking, normalization, column separation, column combination, and column statistics.
 - Enhanced data transformation with automatic updates of multiple-level transformed data.
 - New batch export function allows users to export PSI graphics files into other graphics formats with greater time efficiency.
 - Enhanced batch plot capability for 3D surface and contour plots.
 - Many new plot types: 3D bar charts with error bars and 3D stacked bar charts.
 - New 3D rotation feature allows users to rotate a 3D plot in three independent directions automatically.
 - New customized time stamp allows users to define their own time stamp for their plots.
 - New expanded capability that supports up to 50 curves in a 2D or 3D plot.
 - Enhanced 3D surface and contour plot algorithm.
 - Enhanced bar charts and surface format editing allows users to load pre-defined fill patterns and colors for the existing plot.
- Key Features Introduced in Version 5
Included in Version 5.5**
- The new fully functional report windows offer more flexible ways to edit mathematical and statistical manipulation results.
 - The new project environment links data sheets, plot windows, and report windows together to provide a more efficient way to manage your research projects.
 - The new program comes with a new powerful macro feature that allows you to record your data sheet operation for repeated procedures.
 - New real-time plotting allows you to connect your edited plots with a dynamic data source.
 - The new menu with graphics icon presentation provides more intuitive ways to navigate the new programs.