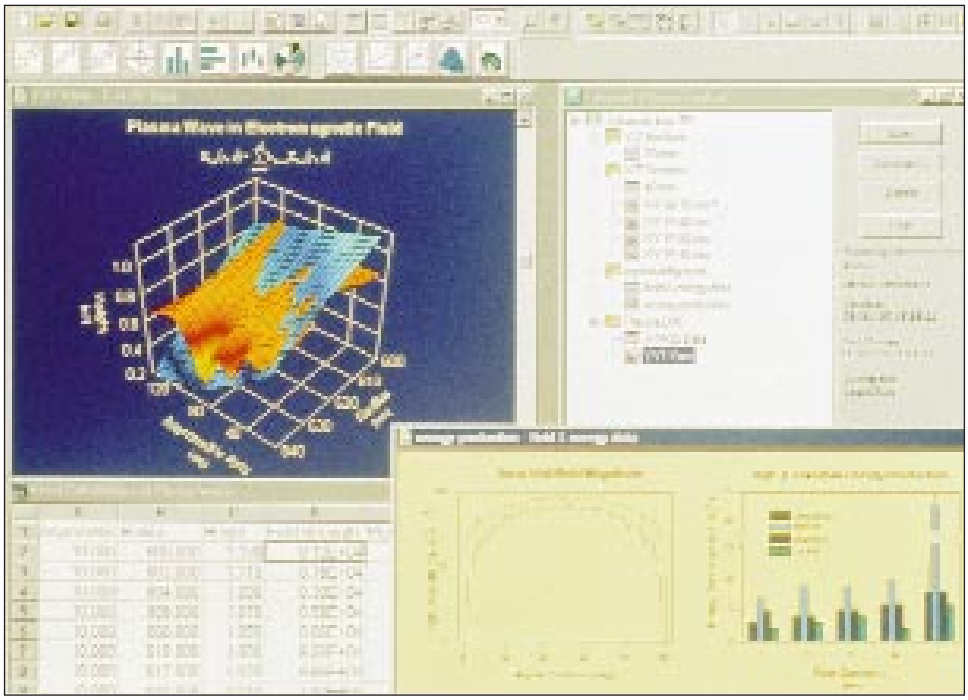
SigmaPlot for Windows

SWD-SIGPLOT
$495



Scientists and Engineers choose SigmaPlot for the technical data analysis and graphing features they need—and for the total flexibility they want. Clear, precise technical graphs help you gain new insights into your data and help you best present your conclusion.

Create and customize the exact technical graph you want.

SigmaPlot goes beyond financially oriented spreadsheets and the "bells and whistles" of business graphing software by making the technical features you need the highest priority. Choose from a full range of graph options–technical axis scales, multiple axes, error bars, and automatic regressions and much more.

Flexibility to Graph Your Way

SigmaPlot gives you the flexibility to customize all graph attributes. For example, you can create asymmetric error bars, specify different colors, sizes, and symbols for each data point, and insert axis breaks.

Powerful Data Analysis, Large, Scientific Data Worksheets

You can import almost any file into SigmaPlot's huge, scientific worksheet with the click of a toolbar button. SigmaPlot instantly generates summary statistics – everything from standard deviations to 99% confidence intervals.

Time-Saving Transform Language

SigmaPlot's mathematical transform language allows you to perform complex analysis and then automate them into effortless routines.

Powerful Curve Fitting

For fast, straightforward curve fitting, SigmaPlot automatically solves and graphs polynomial regressions up to 10th order and 95% or 99% confidence and prediction intervals.

For more complex curve fitting, SigmaPlot also includes a powerful, robust nonlinear curve fitter — up to 10 independent variables and 25 parameters.

SIGMAPLOT 4.0 FOR WINDOWS FEATURES

Create Graphs Quickly

Creating a graph is easy. For fast graph creation, click a Graph toolbar button, pick your data, and you have your graph! For interactive graph creation, the Graph Wizard leads you through creating a technical graph step-by-step.

OLE 2 Integration and Convenience

SigmaPlot's graphing page is both an OLE 2 server and container. You can use Word's Equation Editor, WordArt, or any other OLE object inside your graph page to annotate your work. Or you can embed your SigmaPlot graphs in Word documents and edit them directly inside your document. Also, you can open a Microsoft Excel spreadsheet inside SigmaPlot- Excel's menus will blend seamlessly with SigmaPlot's.

New Visual Display Graph Library for Windows

This new graph library includes the book The Visual Display of Quantitative Information, style guidelines, data density meter, fonts, and numerous graph templates. Now it is even easier to create precise and professional graphs that best present your results!

Specifications

System Requirements: IBM 486 or higher, Windows 3.1 with Win 32s (Windows 32-bit extensions), Windows 95, Windows NT, 16 MB RAM, 20 MB hard disc space (25 MB for Windows 3.1), and at least 30 MB swap file. Visual Display Graph Library requires an additional 4 MB hard disc space, Microsoft compatible mouse.

To Order *(Specify Model Number)*

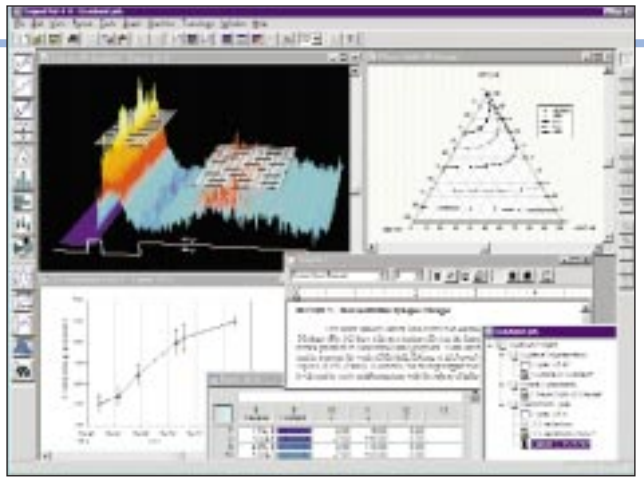
Model No.	Price	Description
SWD-SIGPLOT	$495	Scientific graphing software
SWD-VDGL	140	SigmaPlot Visual Display Graph Library

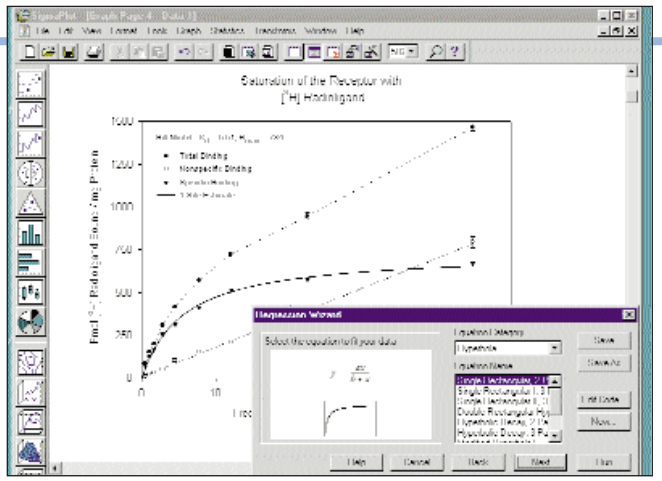
Comes with complete operator's manual.

Ordering Example: *SWD-SIGPLOT scientific graphic software,* ***$495****.*

For Sales and Service U.S.A. and Canada 1-800-DAS-IEEE
In Mexico, call 95-800-826-6342

ISO9001 CERTIFIED CORPORATE QUALITY





FEATURES FOR SIGMAPLOT FOR WINDOWS, VERSION 4.0

Scientific & Engineering Graph Types

2D

Scatter, line, bar, polar, pie, needle, quadrant, ternary, histogram

3D

Multiple, intersecting plots with hidden line removal, smooth or discrete shading, 3D rotation, perspective preview, and light source shading

Scatter, bar, 3D line, mesh, contour

Graphs created through transforms

Ternary, Gaussian, Area, Z-Plane, Vector, Histograms

Technical Axes

Types

linear, log, probability, polar

Axis Features

Control of display, thickness, color, range, axis breaks, offset axes, automatic titles

Error Bars

Standard deviation

Standard error

95% or 99% confidence

User-defined - pick error bar values from column

Multiline Text Editor

Control font size, style, color, Greek, multiple levels of superscript & subscript, 360 degree rotation, left, right, & center justification, and spacing between lines

Grids

Control of color, line type, thickness, and display of major & minor grids in X & Y direction

Symbols

Control color, size, shape, layering and the use of letters and numbers as symbols

Linear and Nonlinear Regressions

Nonlinear Regressions

Marquardt-Levenberg algorithm with up to 10 independent variables and 25 parameters with the option to define constraints, tolerance, step size, and iterations

Automatic Linear and Polynomial Regressions

Up to 10th order with confidence and prediction intervals and regression statistics

Column Statistics Generated Automatically

Automatically generate summary statistics for each worksheet column

Mathematical Transforms

One-way ANOVA

Fast Fourier Transforms with filters

Lowess smoothing

Differential equations

Data to rgb-color transform

Trigonometric and Algebraic functions

Statistics including skewness, 95% and 99% confidence, t-tests

Random and Gaussian Random number generation

Range, Accumulation, Precision, and more.

Large, Scientific Worksheets

Over one billion data points in 16,384 columns by 65,436 rows

Automatically generate column statistics

Data sorting

Use Excel as worksheet

Multiple worksheets per session

Page Layout and Annotation Options

Automatic or manual legends

True WYSIWYG

Multiline text with all available Windows fonts, sizes, colors, and styles

Multiple curves on one graph

Multiple axes on one graph

Multiple graphs on one page

Multiple pages per worksheet

Multiple levels of zooming and custom zooming

Scale graph to any size

Import and Export

ASCII text files

1-2-3

Symphony

Quattro

Excel

dBASE

SigmaPlot for DOS 4.0, 4.1, 5.0

SigmaPlot for Windows 1.0, 2.0

SigmaPlot for Macintosh 4.1

OLE 2 container and server

Excel worksheet activation using OLE 2

Any Windows printing device

Catch metafile export utility

DIF, TIF, WMF<BMP, JPEG

SigmaLinking

SigmaPlot and SigmaStat share data effortlessly though SigmaLink dynamic data linking technology