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MagicPlot Editions Comparison 1

MagicPlot Editions Comparison

The table below shows the comparison of **MagicPlot Student** and **MagicPlot Pro** editions.

	MagicPlot Student	**MagicPlot Pro**
Price	Free of charge, Non-commercial usage only	$229 Get free trial
General		
Multiple operating systems support (Windows, Mac OS X, Unix-like)	+	+
No installation procedure, portable installation is available	+	+
Unicode support in projects	+	+
Undo and redo for all actions (with unlimited depth and history list)	+	+
Import tables from text files (.csv, .txt), import dialog with preview	+	+
Double precision floating point tables with copy/paste support to/from other apps	+	+
Built-in formula calculator tool	+	+
Entering expressions in every numeric text field	+	+
Setting column calculation formulas with syntax highlighting and formula history	+	+
Optional auto recalculation of column when data in use are changed	—	+
Nonlinear Curve Fitting		
Multi-peak fitting	+	+
Fitting with sum of different functions	+	+
Predefined Gauss and Lorentz functions and their derivatives	+	+
Visual peaks adjusting (fit initial conditions)	+	+
Visual fitting interval setting	+	+
Y data errors accounting	+	+
Easy subtraction of baseline and peak fitting functions from experimental data	+	+
Copying and pasting Fit Curves from one Fit Plot to another	+	+
Automatic peaks finding by 2nd derivative	—	+
Splines for baseline subtraction with fitting capability	—	+
Specifying custom fit equations	—	+
Data Processing		
Numerical integration of peaks in spectrum on specified intervals	+	+
Integration of data	—	+
Differentiation of data	—	+
Fast Fourier transform	—	+
Histograms	—	+
Descriptive Statistics	—	+
Numerical spectrum moments (mean, variance, etc.) calculation on selected intervals	—	+

	MagicPlot Student	MagicPlot Pro
Table Sorting by multiple columns, table transposing	—	+
Plotting Features		
Plotting capabilities: lines, markers, drop lines, vertical bars, filling under curve	+	+
Error bars	+	+
Switching curves antialiasing on screen	+	+
Fully customizable style for each axis (ticks, labels, grid, etc.)	+	+
Custom grid lines and labels at specified positions	+	+
Transparent images and translucent colors of every object	+	+
In-place text labels editing with formatting support	+	+
2D waterfall plots and setting individual shifts for curves	+	+
Image zooming in for precise drawing	—	+
Multiple axes on one figure, aligning axes	—	+
Drawing: text labels, lines, arrows, rectangles, ellipses	—	+
Precise objects positioning with snapping and rulers	—	+
Saving and applying Figure templates	—	+
Data Navigation and Exploration		
Mouse cursor data coordinates in status bar	+	+
Showing data point and table row numbers for point under cursor	+	+
X and Y scrollbars for data navigation	+	+
Box zoom tool for scale	+	+
Hand drag tool for scale	+	+
Mouse wheel or touchpad scale scrolling and zooming	+	+
Quick Plot tool for viewing plot without adding new Figures to Project	—	+
Figures Typography		
Correct minus and multiplication signs (instead of hyphen and letter x) in exponential notation	+	+
English ligatures support (fi, etc.)	+	+
Tracking	+	+
Inserting special symbols (Greek letters, math symbols, dashes, etc.)	+	+
Image Export		
Raster images export formats: PNG, GIF, BMP	+	+
Vector images export formats: EPS, PDF, EMF	—	+
Copying of raster images to clipboard	—	+
Copying of vector images to clipboard	—	+
Usage and Support		
Commercial usage	—	+
E-mail support (write to support(at)magicplot.com)	—	+

MagicPlot Student can also be used to *view* project files created in full-featured **MagicPlot Pro** edition. In such case some project elements (e.g. Custom fit curve formulas) will not be editable.

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