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# MagicPlot Editions Comparison

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

	<b>MagicPlot Student</b>	<b>MagicPlot Pro</b>
Price	Free of charge, Non-commercial usage only	\$79 <a href="#">Get free trial</a>
<b>General</b>		
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	—	+
<b>Nonlinear Curve Fitting</b>		
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	—	+
<b>Data Processing</b>		
Numerical integration of peaks in spectrum on specified intervals	+	+
Integration of data	—	+
Differentiation of data	—	+
Fast Fourier transform	—	+
Numerical spectrum moments (mean, variance, etc.) calculation on selected intervals	—	+
<b>Plotting Features</b>		
Plotting capabilities: lines, markers, drop lines, filling under curve	+	+

	<b>MagicPlot Student</b>	<b>MagicPlot Pro</b>
Error bars	+	+
<a href="#">Switching curves antialiasing on screen</a>	+	+
<a href="#">Fully customizable style for each axis (ticks, labels, grid, etc.)</a>	+	+
<a href="#">Custom grid lines and labels at specified positions</a>	+	+
<a href="#">Transparent images and translucent colors of every object</a>	+	+
<a href="#">In-place text labels editing with formatting support</a>	+	+
<a href="#">2D waterfall plots and setting individual shifts for curves</a>	+	+
<a href="#">Image zooming in for precise drawing</a>	—	+
<a href="#">Multiple axes on one figure, aligning axes</a>	—	+
<a href="#">Drawing: text labels, lines, arrows, rectangles, ellipses</a>	—	+
<a href="#">Precise objects positioning with snapping and rulers</a>	—	+
<a href="#">Saving and applying Figure templates</a>	—	+
<b>Data Navigation and Exploration</b>		
<a href="#">Mouse cursor data coordinates in status bar</a>	+	+
<a href="#">Showing data point and table row numbers for point under cursor</a>	+	+
<a href="#">X and Y scrollbars for data navigation</a>	+	+
<a href="#">Box zoom tool for scale</a>	+	+
<a href="#">Hand drag tool for scale</a>	+	+
<a href="#">Mouse wheel or touchpad scale scrolling and zooming</a>	+	+
<b>Figures Typography</b>		
<a href="#">Correct minus and multiplication signs (instead of hyphen and letter x) in exponential notation</a>	+	+
<a href="#">English ligatures support (fi, etc.)</a>	+	+
<a href="#">Tracking</a>	+	+
<a href="#">Inserting special symbols (Greek letters, math symbols, dashes, etc.)</a>	+	+
<b>Image Export</b>		
<a href="#">Raster images export formats: PNG, GIF, BMP</a>	+	+
<a href="#">Vector images export formats: EPS, PDF, EMF</a>	—	+
<a href="#">Copying of raster images to clipboard</a>	—	+
<a href="#">Copying of vector images to clipboard</a>	—	+
<b>Usage and Support</b>		
<a href="#">Commercial usage</a>	—	+
<a href="#">E-mail support (write to <a href="mailto:support@magicplot.com">support@magicplot.com</a>)</a>	—	+

**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.

From:  
<http://magicplot.com/wiki/> - **MagicPlot Manual**

Permanent link:  
<http://magicplot.com/wiki/comparison?rev=1299655470>

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