



Pocket AutoGraph v2.0

The perfect companion for creating
great graphs on your Pocket PC!

Users Guide

For easier reading and improved detail of the screen-shots
we recommend that you print this guide.

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Pocket AutoGraph. The perfect companion to Pocket Excel on your Pocket PC!

Pocket AutoGraph was designed to provide you with an efficient and easy way to generate graphs using your Pocket Excel spreadsheet data.

Features include:

- Easy operation... you're just a few clicks away from great graphs!

AutoGraph lets you instantly create the following types of data graphs from your Pocket Excel spreadsheets...

- Bar
- Column
- Descriptive Bar
- Pie
- XY Scatter/Line
- Line
- Stock trend (4 styles)
- Powerful... Control the properties of any graph including grid lines, zoom factor, scaling, origin and more!
- Innovative... Automatic scaling and ranging features scale axes and perform best fit zooming based on your data set.
- Save your images or copy to the clipboard for pasting into Pocket Word documents or other graphics editors!
- Full-screen and user defined graph sizes and color preferences.
- International support – AutoGraph displays numbers and currency in the locale format set on your Pocket PC.

On installation, a file named AutoGraphSampleData.pxl was saved to your \My Documents folder. This file contains several spreadsheets with sample data and additional instructions to help you familiarize yourself with the operation of AutoGraph.

Compatibility

Compatible with all Windows-powered Pocket PCs running Windows CE v3.0 or later.

Quick Start Guide

The following will provide you with the information that you need to begin graphing Pocket Excel spreadsheet data with AutoGraph. The following discussion is assuming the initial state of AutoGraph when it is launched for the first time on your Pocket PC. The Bar Graph type is set as the initial graph type and no graph preferences, other than initial values, have been set.

- 1) Launch AutoGraph.

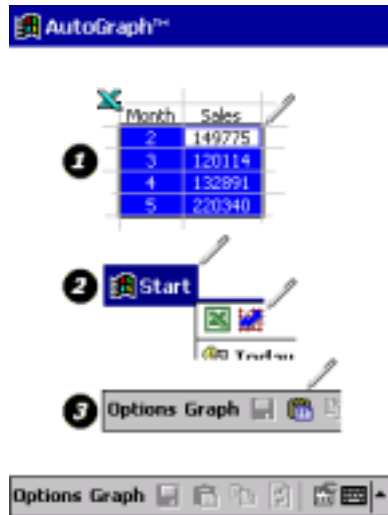


Figure 1 Opening AutoGraph Screenshot

The above figure shows what AutoGraph will look like when you first launch it. The main window initially displays the steps needed to begin graphing with AutoGraph.

Note: This splash screen is displayed anytime that there is no Excel spreadsheet data currently pasted into AutoGraph. When there is spreadsheet data available to AutoGraph the main window will display the graphed representation of the spreadsheet data.

- 2) Following from Figure 1, the first step is to select and copy data from Pocket Excel. Launch Pocket Excel and select the sample Pocket Excel spreadsheet, AutoGraphSampleData.pxl, included with the installation (shown in Figure 2).



Figure 2 Pocket Excel Open Workbook Screen

After opening the AutoGraphSampleData workbook, select the “Bar, Column” sheet (shown in Figure 3).

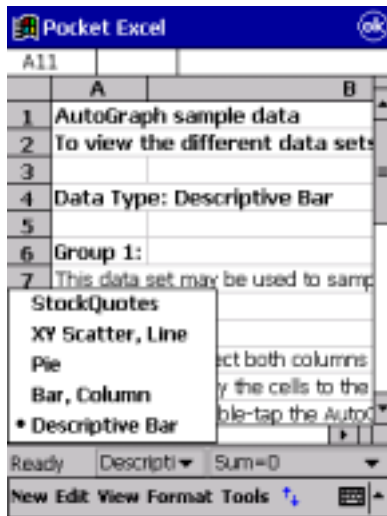


Figure 3 Selecting the "Bar,Column" worksheet

Each Pocket Excel sample data sheet is labeled with the graph type that the sample data was created for. At the top of each sheet are instructions on how to use the sample data. Helpful hints are included with each sheet to help you get familiar with the features that AutoGraph includes for the graphing of the sample data.

Scroll down to cell A27. This is where the sample data begins. With your stylus, drag select cells A27-B33 (shown in Figure 4).

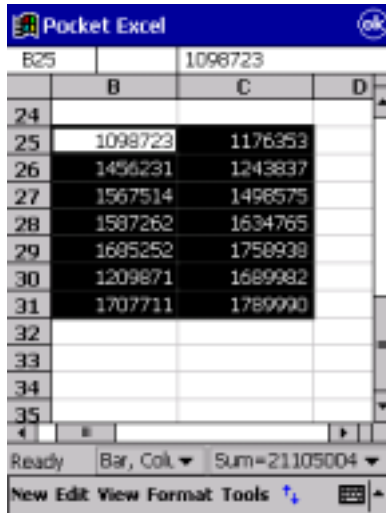



Figure 4 Illustration of data selected for graphing with AutoGraph

Once you have the block of cells highlighted, tap on the Pocket Excel Edit menu and select Copy.

- 3) Now that you have selected data to graph you can switch back to AutoGraph. To do this, tap the Pocket PC Start Menu and select the AutoGraph Application Icon from the Task Bar. Refer to the illustration in Step 2 of Figure 1 for an example of the AutoGraph Application Icon.
- 4) Notice now when AutoGraph is displayed that the AutoGraph toolbar has changed. The Paste Data  toolbar icon is now active (shown in Figure 5). An illustration of this is also shown in Step 3 of Figure 1.

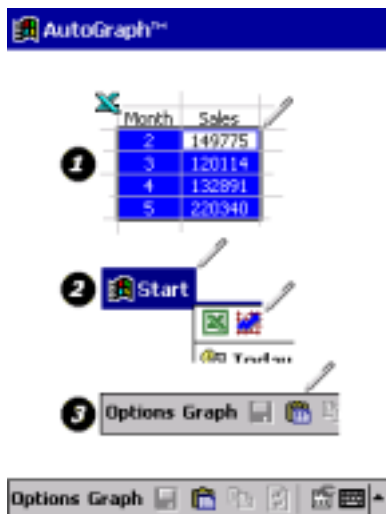



Figure 5 'Paste Data' toolbar icon is now active

- 5) Next, tap the Paste Data  toolbar icon and AutoGraph will display a graph of the data in the main window (shown in Figure 6).

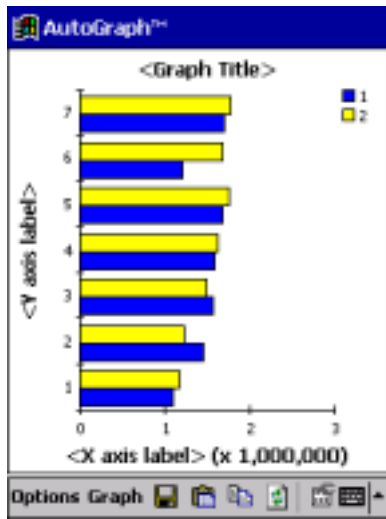


Figure 6 Bar Graph of the selected Pocket Excel spreadsheet data

Congratulations, you have now graphed Pocket Excel spreadsheet data using AutoGraph!

The Quick Start section only covered the basics of graphing data with AutoGraph to get you up and running quickly. There are more advanced features and graph customizations that are covered in detail in the online help included with AutoGraph.

Changing the Appearance of the Graph

Every aspect of the display of the graph is controlled by a configurable property. The following two figures (options in red boxes) will point you to the locations where options for controlling the appearance of graphs can be accessed.

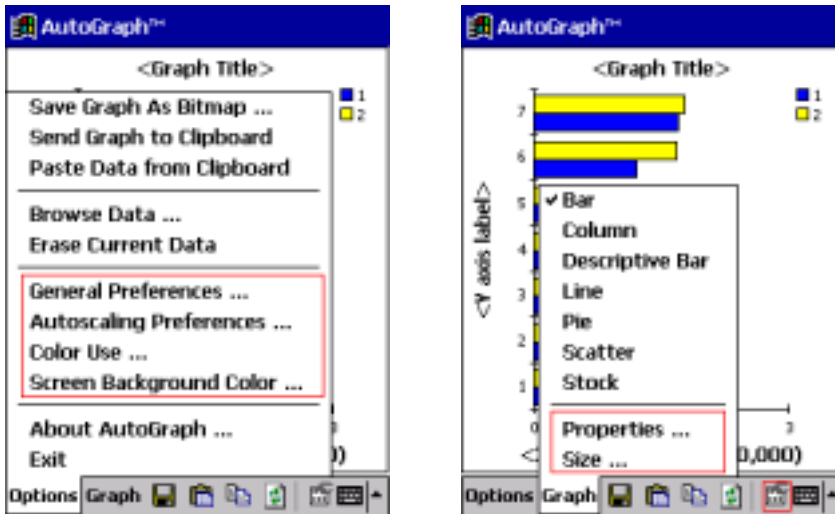



Figure 7a and 7b User editable graph options

Access to the most common graph options is provided by the Properties  toolbar icon. You can also access the graph properties by tapping the Graph Menu and selecting the Properties Menu Item.

The options available for the currently selected graph type will be displayed when you tap the 'Properties' toolbar icon. Figure 8 shows the Properties dialogs for the example Bar Graph.



Figure 8 Bar Graph Properties Dialog

Global Graph Properties and Graph Specific Properties:

The General, Detail, and Scale Tabs are related to the drawing of the graph adornments such as the axis titles, border, legend, origin, etc. These properties are set for all graph types and therefore are known as global properties. The Graph Title you specify here will be the title that is displayed no matter which graph type you select. The last tab shown in the Properties Dialog will always be the graph specific properties for the currently selected graph type. The properties presented on the last tab are specific to the currently selected graph.

What this implies is that you don't have to change the graph title if you now decide to represent the data in a column graph. The graph adornment properties 'stick' for each type of graph.

Other Graphing Preferences

You will also find some more graphing preferences under the Options Menu (Figure 7a). Here is a brief explanation of what is available:

General Preferences

Options for selecting the black/white or color filling of graphed data. Note: while running on black/white machines if color is selected the different colors are mapped to appropriate grayscale shades.

Autoscaling Preferences

Options for controlling how the graphing engine scales the data. These options directly affect the x axis and y axis. The properties specified here are used in conjunction with the Scale Tab in the Properties Dialog.

Color Use

When graphing series of data, AutoGraph represents the different series using colors (on color capable machines). On black/white machines colors are mapped to grayscale shades. The order of colors that are used by AutoGraph can be controlled from this dialog.

Background Color

An optional setting is the background color. By default, it is set to white. You may set the background color using this dialog. Note: the background color affects the area behind the area used for the graph. By default, the graph area is set to the entire screen on the Pocket PC. In order to see background color changes you would need to change the size of the graph area.

Please refer to the online help documentation for more detailed descriptions of these dialogs.

Viewing Pasted Data

At anytime you can view the data that AutoGraph is using to display the graph. To view the data tap the Options Menu and select the Browse Data Menu Item. You will see the following dialog (with the sample data):

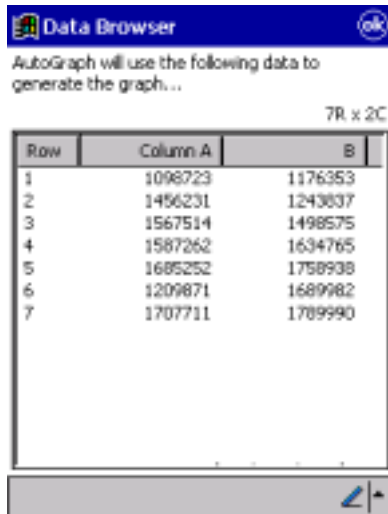


Figure 9 Data Browser

Saving Your Graphs

AutoGraph gives you two options for saving your graph images (Figure 10).

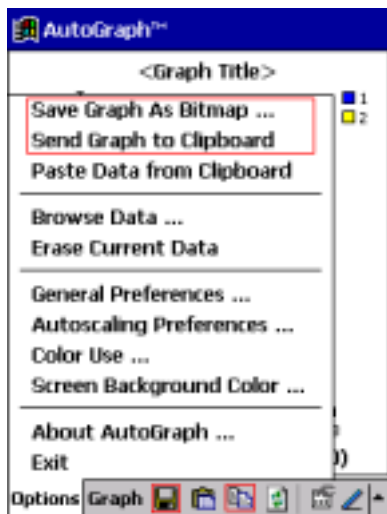


Figure 10 Options for Saving the graph

You may copy your graph to the clipboard where it can be pasted into an application like Pocket Word or Notes or you may save the image to a bitmap file. The file can then be edited using 3rd party graphics applications on your Pocket PC or desktop PC.