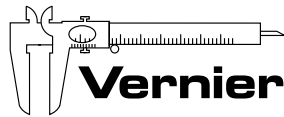


# Graphical Analysis 3

## Quick Reference



## Introduction

Graphical Analysis 3 is an easy-to-learn program for producing, analyzing, and printing graphs. Data may be manually entered from the keyboard, pasted from the clipboard, or retrieved from a file saved on disk. You can import data from Texas Instruments handhelds, Vernier LabPro<sup>®</sup> or CBL 2<sup>™</sup> using a TI-GRAPH LINK<sup>™</sup> cable, LabPro using a serial (Windows only) or USB cable, and Palm<sup>™</sup> handheld devices. Graphical Analysis is also a document creator, with the ability to include several pages in one document.

Data can be displayed graphically or in spreadsheet form. You have several options on the scaling and style of graphs. Powerful data analysis tools are provided, including curve fits, derivatives, tangent lines, integrals, smoothing, FFTs, and histograms. Graphical Analysis allows you to create new columns that are based on other data, much as you might do with a spreadsheet program.

## System Requirements

### Windows

- Windows 98 SE, Me, 2000, or XP with Pentium processor.
- 200 MHz processor or better, and 32 MB available RAM.
- Installation requires approximately 15 MB disk space.
- Available USB or serial port for data import.

### Macintosh

- Macintosh OS 9.2 or OS X 10.2, 10.3 or 10.4.
- Installation requires approximately 15 MB disk space.
- Built-in USB port for data import



## Loading Graphical Analysis 3.4



### Windows

- 1 Place the Graphical Analysis CD into the CD-ROM drive of your computer.
- 2 In many cases, the installation will launch automatically; otherwise, choose Settings → Control Panel from the Start menu. Double-click on Add/Remove Programs. Click the Install button in the dialog box.
- 3 The Graphical Analysis installer will launch, and a series of dialog boxes will step you through the installation of the Graphical Analysis software. You will be given the opportunity to either accept the default directory or enter a different directory.

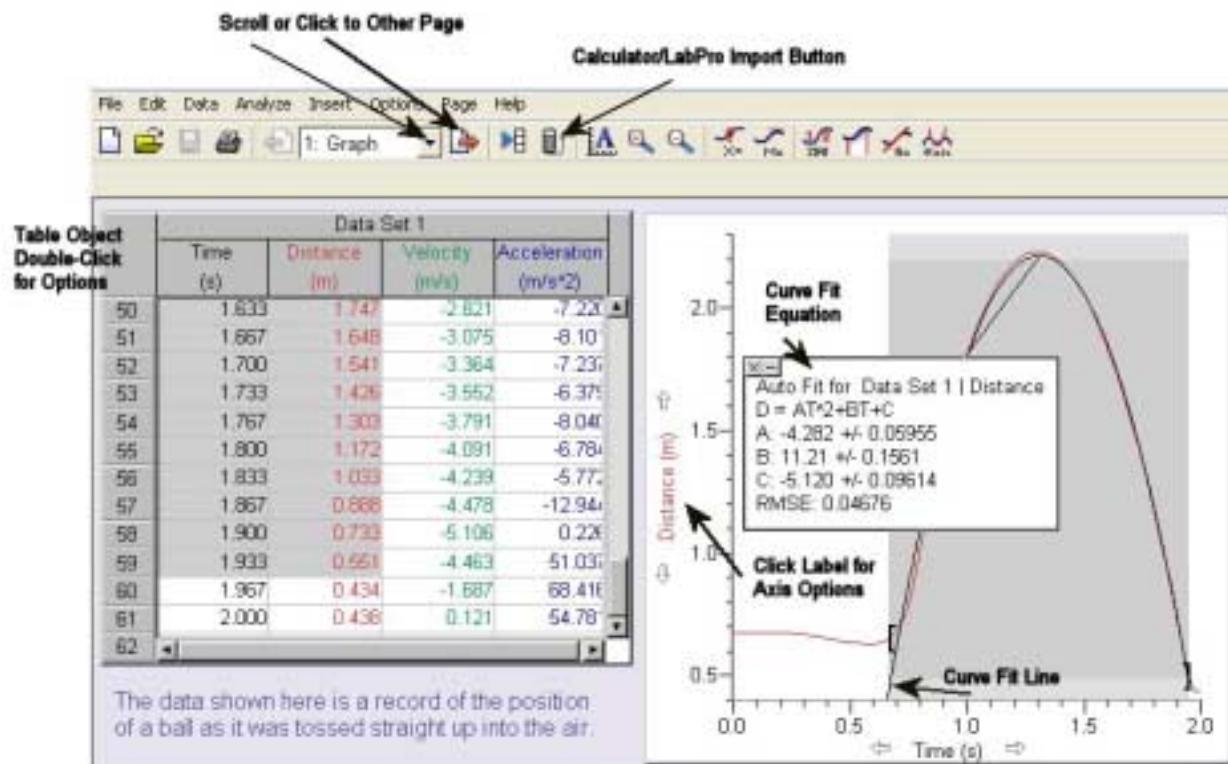
### Macintosh

- 1 Place the Graphical Analysis CD into the CD-ROM drive of your computer.
- 2 Double-click on the Install Graphical Analysis icon from the CD and follow the directions.

## Getting Started...

1. Double-click the Graphical Analysis icon .
2. Enter data into the table. This can be done in a number of ways:
  - You can type data directly into the data table from the keyboard.
  - Data collected and stored in Texas Instruments handhelds and LabPro and CBL 2™ interfaces can be imported. Do so by choosing Import From → TI Device or LabPro from the File menu, or by clicking the  button. Text or text files (such as those created in Excel, word processors, etc.) can be imported into Graphical Analysis. Choose Import... Text File from the File Menu.
3. Double-click on the graph to add features to the graph.
4. Click on the numbers at the ends of the axes to change the scaling.
5. Try the various menus. Have fun experimenting. A great way to get familiar with Graphical Analysis 3 is through the tutorials provided. Choose Open from the File menu to access them.

The screen below shows key features.



**Important:** You can get help while working with Graphical Analysis. To obtain help, choose Graphical Analysis Help from the Help menu. You can also double-click on an object and select Help from the dialog box.

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## Questions?

- Be sure to take advantage of Graphical Analysis Help.
- Send an e-mail to [info@vernier.com](mailto:info@vernier.com), and we will respond promptly.
- Feel free to call our technical support department at any time. We'll be glad to help!

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