

# The Digitizer Tool

## How to Extract the Files

- 1) Download the self-extracting file DIGITIZER.EXE.
- 2) Double-click on the DIGITIZER.EXE file and extract the contents to a folder on your hard drive.

On extraction, two subfolders named DIGITIZER6 and DIGITIZER5 will be created, that contain the appropriate installation files for Origin 6.0 (and 6.1) and Origin 5.0 respectively.

- 3) Follow the instructions below for installing the digitizer depending on which version of Origin you are using.

## Installation Instructions for Origin 6.0/6.1 Users

- 1) Close Origin and any other programs that may interfere with the installation.
- 2) Run the SETUP.EXE program in the \AddOn Setup subfolder of your Origin installation folder.
- 3) In response to the setup, point to the location of your main Origin installation, and then to the subfolder named DIGITIZER6 that contains the files from the extraction.

The next time you launch Origin, you will see a new toolbar button for the digitizer tool.

## Installation Instructions for Origin 5.0 Users

- 1) Close Origin and any other programs that may interfere with the installation.
- 2) Copy the three files (DIGITIZE.CNF, DIGITIZE.OGS, and DIGITIZE.OTP) contained in the folder named DIGITIZER5 from the extraction process, to your Origin 5.0 main installation folder.
- 3) Open the ORIGIN.INI file in your Origin 5.0 main installation folder, in a text editor such as Notepad.
- 4) Modify the 'File1' entry of the INI file so that it includes the word 'Digitize'. The edited line should look similar to:

```
File1=Macros FullMenu Matrix3D 3D Digitize
```

- 5) Save the edited INI file. Doing the above will run the DIGITIZE.CNF file when Full menus are active. If you have added your own custom CNF files, they would also be included in the 'File1' list.
- 6) To use the tool, launch Origin 5.0 and select **Digitize** from the **Tools** menu.

## How to Operate the Digitizer Tool

- 1) Start Origin and click on the Digitizer toolbar button (for Origin 6.0/6.1) or select **Digitize** from the **Tools** menu (for Origin 5.0). This will open the digitizer graph template.
- 2) On the left side of the graph template, you will see a white box. Copy the image of the graph that you wish to digitize from another application (such as image editor/viewer) and paste the image in this white box.
- 3) Re-size the image and the graph window if necessary.
- 4) Right-click on the image, and select **Label Control**.
- 5) Enter **image** in the Object Name text box.
- 6) Select the Page radio button from the options under Attach to.

- 7) Click OK.
  - 8) Select the appropriate axes types for X and Y axes on the template.
  - 9) Click the Digitize button on the template.
  - 10) You will now be asked to enter X values that correspond to two points on the X axis of the graph.
  - 11) You will then be asked to double-click on these two points.
  - 12) The above two steps are repeated for the Y axis.
  - 13) Now you can start digitizing the graph to a dataset by clicking on the graph image with your mouse.
  - 14) When you are done digitizing, press ESC or click on the Origin Pointer tool on the Tools toolbar.
- Origin will create a new graph with the proper axes scales and will plot the digitized dataset on this graph.