



How to use Easywave software?

NI-VISA installer

About EasyWave

Siglent's EasyWave waveform creation and editing tool for function / arbitrary waveform generators is PC-based software that runs on the Windows 2000, and Windows XP Professional operating systems. It provides a powerful waveform draw, edit, view and mathematical process. With EasyWave you can easily draw your desired waveform.

Draw: Provides five drawing methods.:

- ◆ Nine types of standard waveform drawing
- ◆ Hand drawing
- ◆ Horizontal, vertical, oblique drawing
- ◆ Equation drawing
- ◆ Coordinates drawing (coordinates of inputs come from mouse and tables)

Edit: In addition to the usual undo, redo, cut, copy, paste, and delete functions, this feature also provides a horizontal. Horizontal reversal and vertical reversal operation. Editing area can be set accurately by setting the cursor slider position.

View: Provides the point of view, horizontal, vertical, and regional enlarged view of

the waveform, enabling you to see the small sections of waveform information. Cursor tracking can also be used to view the specific coordinates of points. Waveform color settings allow users to set up their own favorite colors in the plot area.

Math: Provides a waveform with a constant value, or with another waveform do math operation such as addition, subtraction and multiplication, also providing a variety of types of Window treatment, filtering and smoothing functions.

The waveforms generated from EasyWave can be sent to the function / arbitrary waveform generator, or loaded from the function / arbitrary waveform generator to EasyWave. With the same CSV format Waveform data, you can implement the function / arbitrary waveform generator, EasyWave and the oscilloscope connections to each other seamlessly. EasyWave communicates with the function / arbitrary waveform generators of the SDG1000 series through USBRAW interface, and SDG5000 series through USBTMC interface. Please refer to the handbook for your generator to see how to set the interface.

From the user point of view, the software interface design is simple, elegant, and easy to use. The main interface is shown below:

