PRODUCT CODE: **PCG10**

DESCRIPTION: **PC FUNCTION GENERATOR**
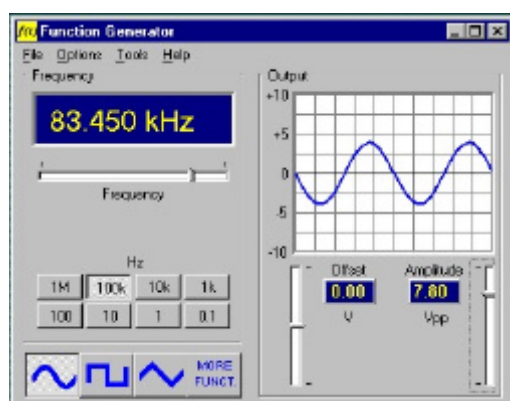

Features:

☑ Frequency range from 0.01Hz to 1 MHz.

☑ Crystal-based stability.

☑ Optically isolated from the PC.

☑ Low sine wave distortion.

☑ TTL level synchronization output.

☑ Stores up to 32K of waveform points.

☑ Standard waveforms: Sine, Square, and Triangle.

☑ Predefined library waveforms included: Noise, Sweep,...

☑ Includes Windows™ '95/'98/NT/2000 integrated software for the function generator and Velleman PC oscilloscopes.

☑ Extended bode plot option together with PC scope.

☑ You can create your own waveforms with the integrated signal wave editor.

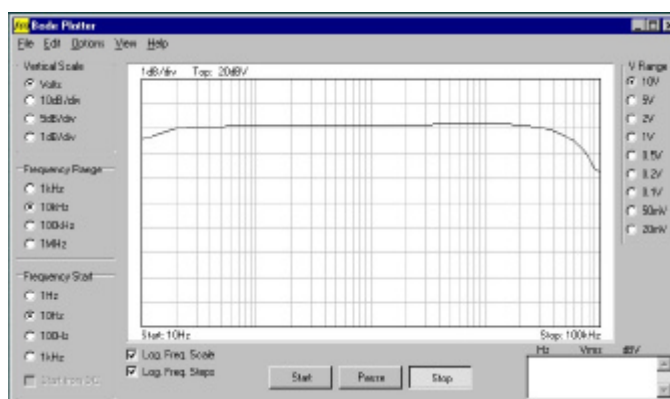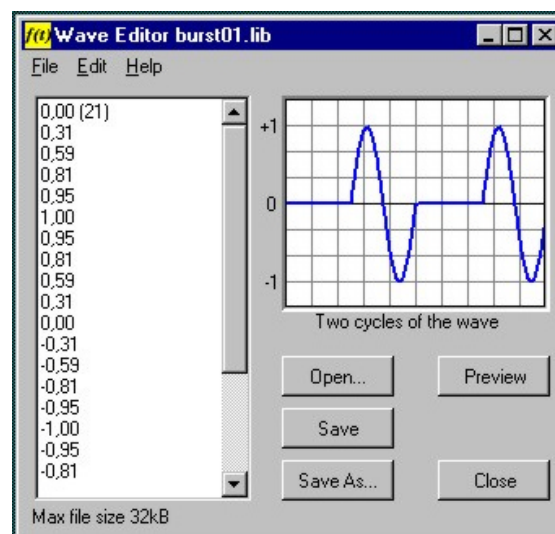☑ Can be chained with Velleman PC oscilloscopes to the same PC printer port (LPT1, 2 or 3).

Specifications:

• Power supply: Standard 12V DC adapter,800mA (PS1208).

• Direct Digital wave synthesis (DDS), 32K wave table.

• Frequency setting resolution: 0.01%.

• Amplitude range: 100mVpp to 10Vpp @ 600 Ohm load.

• Amplitude resolution: 0.4% of full scale.

• Offset: from 0 to -5V or +5V max. (resolution 0.4% of full scale).

• Vertical resolution: 8 bits (0.4% of full scale).

• Maximum sample rate: 32Mhz.

• Typical sine wave distortion (THD): < 0.08%. (<100KHz 1V)

• Output impedance: 50 Ohm.

• Dimensions (wxdxh): 235x165x47mm (9.3"x6.5"x1.9").

Wave edit possibility

Function generator screen with signal preview

Extended bode plot possibility, used with Velleman PC scopes