

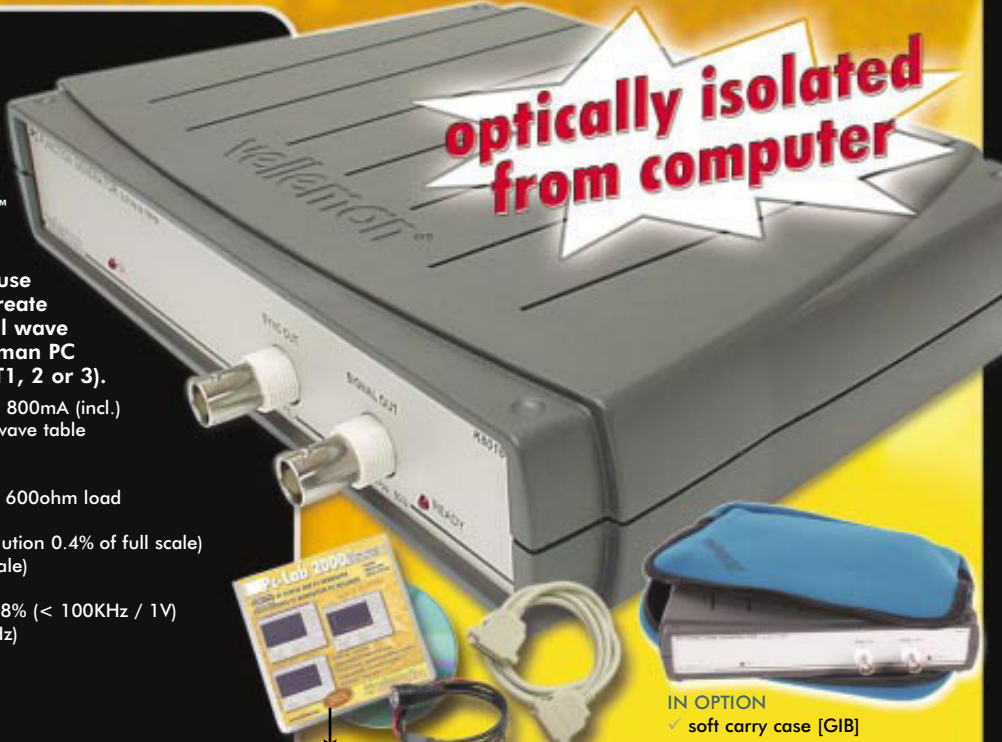
# PCG10

# 0.1 MHz FUNCTION GENERATOR FOR PC

**optically isolated  
from computer**

Frequency range from 0.01Hz to 1 MHz. Crystal-based stability. Low sine wave distortion. TTL-level synchronisation output. Stores up to 32K of waveform points. Standard waveforms: sine, square and triangle. Library of predefined waveforms included: noise, sweep,... Includes Windows™ '95/98/NT/2000 integrated software for the function generator and Velleman PC oscilloscopes. Extended bode plot option for use with the Velleman PC scopes. The user can create his own waveforms with the integrated signal wave editor. The PCG10 can be chained with Velleman PC oscilloscopes to the same PC printer port (LPT1, 2 or 3).

- ✓ Power supply : standard 12V DC adapter, 800mA (incl.)
- ✓ Direct digital wave synthesis (DDS), 32K wave table
- ✓ Remote control via RS232
- ✓ Frequency setting resolution : 0.01%
- ✓ Amplitude range : 100mVpp to 10Vpp @ 600ohm 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)
- ✓ Triangle wave linearity : 99% (0 to 100KHz)
- ✓ Output impedance : 50ohm
- ✓ Dimensions : 235 x 165 x 47mm



IN OPTION  
✓ soft carry case [GIB]

PCG10A : adapter incl.  
PCG10 : adapter not incl.

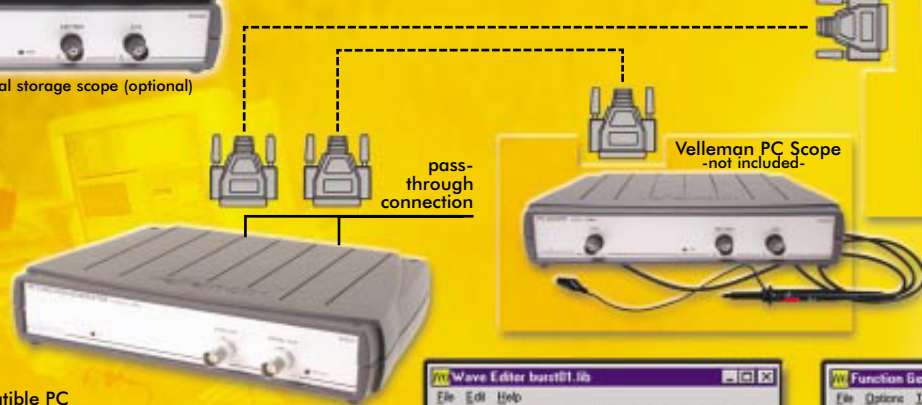
Check [www.velleman.be](http://www.velleman.be) for demos & updates



PCS500 digital storage scope (optional)



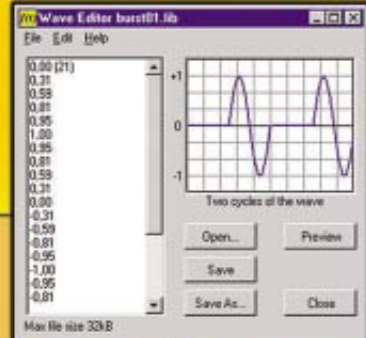
-not included-



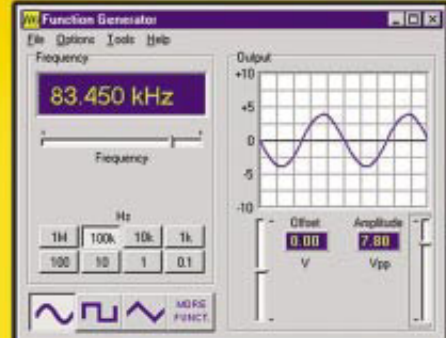
pass-through connection

Velleman PC Scope -not included-

- MINIMUM SYSTEM REQUIREMENTS**
- IBM-compatible PC
  - Windows 95, 98, ME (Win2000 / XP or NT possible)
  - SVGA display card (min. 800x600 for Windows)
  - mouse
  - free printer port LTP1, LTP2 or LTP3
  - CD-ROM player



WAVE EDITING POSSIBILITY



FUNCTION GENERATOR SCREEN WITH SIGNAL PREVIEW



EXTENDED BODE PLOT POSSIBILITY FOR USE WITH THE VELLEMAN PC SCOPES (PCS100 OR PCS500)

Your Velleman distributor

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