



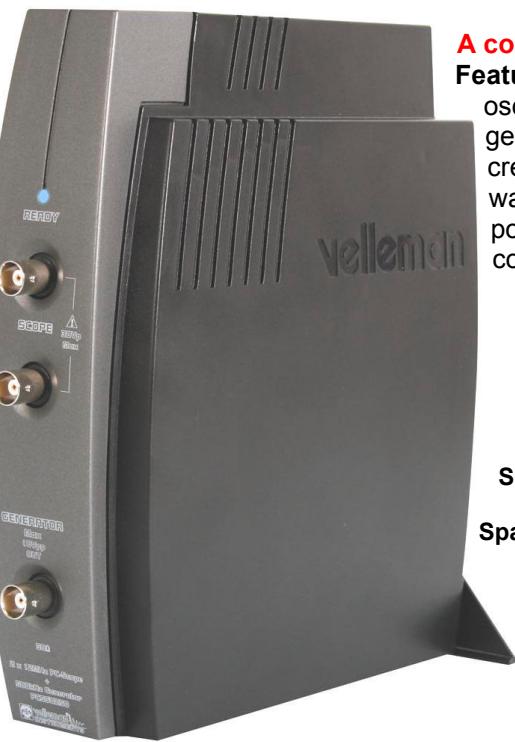
PC-USB 2 CHANNEL OSCILLOSCOPE AND FUNCTION GENERATOR

PCSGU250



2.0 & 1.1 compatible

In the box:



A complete USB-powered lab-in-a-box!

Feature-packed Pclab2000-LT software for two channel oscilloscope, spectrum analyser, recorder, function-generator and bode plotter. With the generator, you can create your own waveforms using the integrated signal wave editor. For automated measurements, it is even possible to generate wave sequences, using file or computer RS232 input.

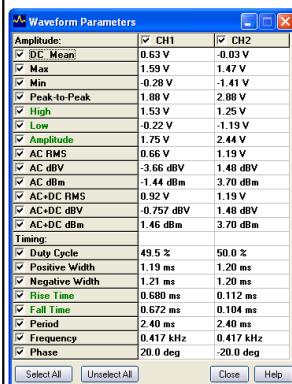
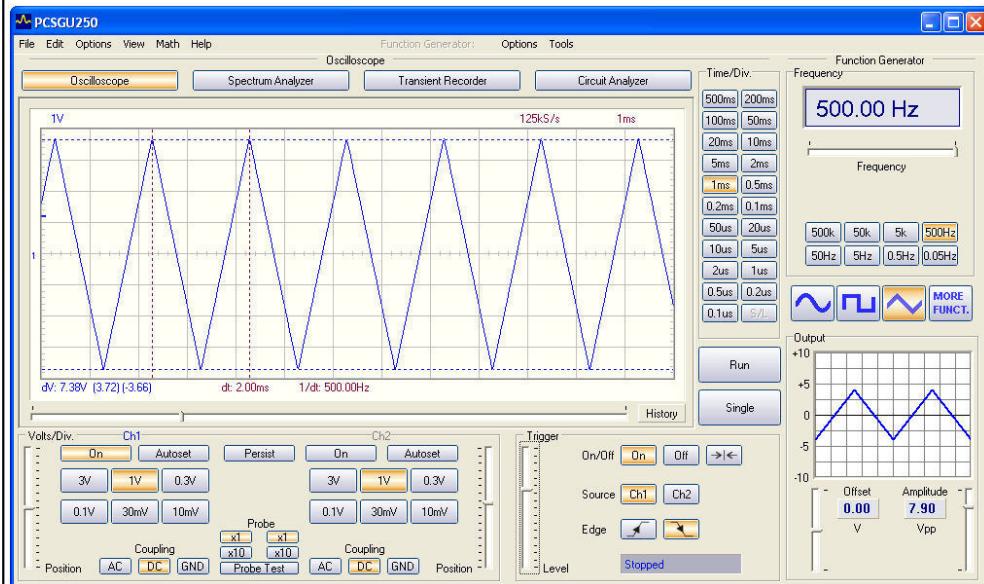
**Small and
stylish
Space saving
design**

General specifications

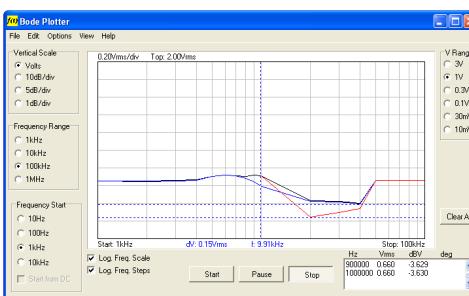
- ◊ input range: 10mV to 3V/division (sensitivity: 0.3mV)
- ◊ markers for amplitude/voltage and frequency/time
- ◊ input coupling: DC, AC and GND
- ◊ maximum input voltage: 30V (AC + DC)
- ◊ storage of display and data
- ◊ supply from USB port (500mA)
- ◊ dimensions: 205 x 55 x 175 / 8.2 x 2.2 x 7"

Minimum system requirements

- ◊ IBM compatible PC
- ◊ Windows_2000, XP, Vista
- ◊ SVGA display card (min. 1024x768)
- ◊ mouse
- ◊ free USB port 1.1 or 2.0
- ◊ CD Rom player

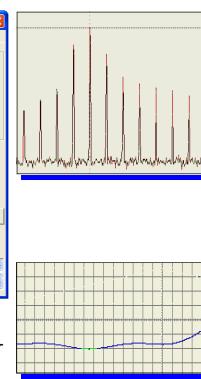


Waveform parameters overview



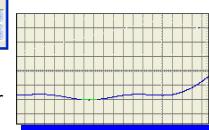
Bode plotter

- automated sync between oscilloscope and generator
- frequency range: 1kHz, 10kHz, 100kHz, 500kHz
- frequency start: 10Hz, 100Hz, 1kHz, 10kHz
- logarithmic scale option
- Volt or dB display scale
- phase plot option



Spectrum analyser

- frequency range: 0 .. 120Hz to 12MHz
- linear or logarithmic timescale
- operating principle: FFT (Fast Fourier Transform)
- FFT resolution: 2048 lines
- FFT input channel: CH1 or CH2
- zoom function



Transient recorder

- timescale: 20ms/Div to 2000s/Div
- max record time: 9.4hour/screen
- automatic storage of data
- automatic recording for more than 1 year
- max. number of samples: 100/s
- min. number of samples: 1 sample/20s
- record and display of screens