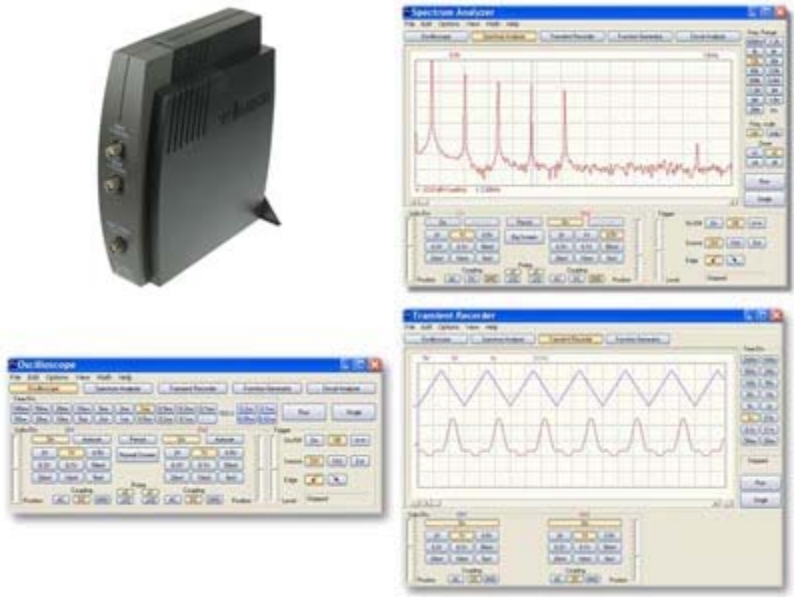
TWO-CHANNEL USB PC OSCILLOSCOPE

Order Code: 127-0136



The PCSU1000 digital storage oscilloscope uses the power of your PC to visualize electrical signals. Its high sensitive display resolution, down to 0.15mV, combined with a high bandwidth and a sampling frequency of up to 1GHz are giving this unit all the power you need.
The USB connection makes this unit a snap to set-up, no external power required! In the field measurements using a lap-top computer have never been this easy.
This scope comes in a stylish vertical space saving design.
Powerful software will fulfill all your needs, but for those who like a challenge; a DLL is supplied, which allows you to create your own application.

Features

- oscilloscope:
  - time base: 20ns to 100ms per division
  - trigger source: CH1, CH2, EXT or free run
  - trigger edge: rising or falling
  - trigger level: full-screen adjustable
  - step interpolation: linear or smoothed
  - markers for: voltage and time/frequency
  - input range: 5mV to 2V/division
  - input sensitivity: 0.15mV display resolution
  - auto set-up function and X10 option
  - pre-trigger function
  - readouts: True RMS, dBV, dBm, p to p, Duty cycle, Frequency…
  - record length: 4K samples / channel
  - real time sampling frequency: 1.25kHz to 50MHz
  - sampling frequency for Repetitive signals: 1GHz
- spectrum analyser:
  - frequency range: 0 .. 1.2kHz to 25MHz
  - linear or logarithmic timescale
  - operating principle: FFT (Fast Fourier Transform)
  - FFT resolution: 2048 lines

    - FFT input channel: CH1 or CH2
    - zoom function
    - markers for amplitude and frequency
- 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
    - markers for time and amplitude
    - record and display of screens

Specifications

- general information:
    - inputs: 2 channels, 1 external trigger input
    - input impedance: 1 Mohm / 30pF
    - bandwidth: DC to 60 MHz ±3dB
    - maximum input voltage: 30V (AC + DC)
    - input coupling: DC, AC and GND
    - Supply from USB port (500mA)
    - dimensions: 205 x 55 X 175 / 8,2 x 2,2 x 7"
- minimum system requirements:
    - IBM compatible PC
    - needs Win98SE or higher
    - SVGA display card (min. 800x600, 1024x768 recommended)
    - mouse
    - USB port 1.1 or 2.0 compatible
    - CD Rom player
- includes:
    - USB PC oscilloscope
    - 2 x 60MHz scope probe (PROBE60S)
    - USB cable
    - software on CD
    - getting started manual
    - translations on CD