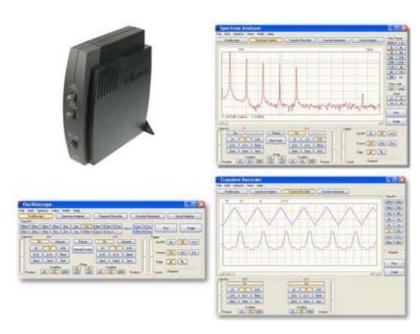
TWO-CHANNEL USB PC OSCILLOSCOPE

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

- o FFT input channel: CH1 or CH2
- zoom function
- o markers for amplitude and frequency
- transient recorder:
 - o timescale: 20ms/Div to 2000s/Div
 - o max record time: 9.4hour/screen
 - automatic storage of data
 - o automatic recording for more than 1 year
 - o max. number of samples: 100/s
 - o min. number of samples: 1 sample/20s
 - o markers for time and amplitude
 - o record and display of screens

Specifications

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