



DATA SHEET

SEPTEMBER 2017

MINI 2 CHANNEL USB PC SCOPE

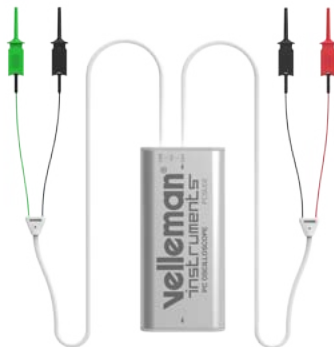
ORDER CODE: PCSU02

Oscilloscopes are expensive and complicated instruments? Not this one!

This small and easy to use 2 channel oscilloscope has all the features of a full blown oscilloscope and it also has a bandwidth of 500 kHz \pm 3 dB!

FEATURES

- test leads
- software download
- USB cable included
- design enclosure



SPECIFICATIONS

- oscilloscope:
 - bandwidth: DC to 500 kHz \pm 3 dB
 - input impedance: 100 K Ω / 20 pF
 - maximum input voltage: 30 V (AC + DC)
 - time base: 5 μ s to 500 ms per division
 - input range: 100 mV to 5 V/division
 - input sensitivity: 3 mV display resolution
 - readouts: true RMS, dBV, dBm, p to p, Duty cycle, Frequency...
 - record length: 1k samples
 - sampling frequency: 50 Hz to 2.5 MHz
 - sample history function
 - auto set-up function
 - pre-trigger function: on 50 ms/div .. 500 ms/div ranges
 - persistence options: colour graded, Variable and Infinite
- spectrum analyser:
 - frequency range: 0 .. 125 Hz to 125 kHz
 - operating principle: FFT (Fast Fourier Transform)
 - FFT resolution: 512 lines



- transient recorder:
 - timescale: 20 ms/div to 2000 s/div
 - max. recording time: 9.4 h/screen
 - automatic storage of data
 - record and display of screens
 - max. number of samples: 100/s
 - min. number of samples: 1 sample/20 s
- general information:
 - markers for: amplitude/voltage and frequency/time
 - expert or basic mode selection in software
 - input coupling: DC and AC
 - 8 bit resolution
 - storage of display and data
 - dimensions: 85 x 40 x 14 mm
- minimum system requirements:
 - Windows[®] XP, Vista, 7, 8, 10
 - mouse (or mouse pad)
 - free USB port 1.1 or 2.0

