

## DATA SHEET

SEPTEMBER 2017

### MINI 2 CHANNEL USB PC SCOPE

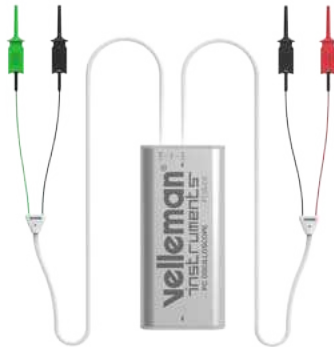
ORDER CODE: PCSU02

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 $\Omega$  / 20 pF
  - maximum input voltage: 30 V (AC + DC)
  - time base: 5  $\mu$ 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<sup>®</sup> XP, Vista, 7, 8, 10
  - mouse (or mouse pad)
  - free USB port 1.1 or 2.0

