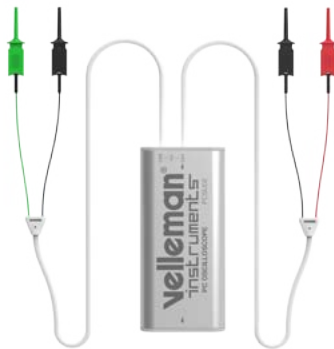# DATA SHEET

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 ±3 dB!

FEATURES

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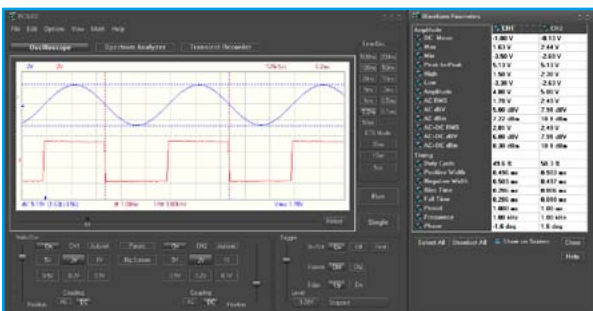- USB cable included
- design enclosure

SPECIFICATIONS

- oscilloscope:
    - bandwidth: DC to 500 kHz ± 3 dB
    - input impedance: 100 KΩ / 20 pF
    - maximum input voltage: 30 V (AC + DC)
    - time base: 5 µs 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

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