

SV 102 Dual Channels Acoustic Dosimeter



FUNCTIONS

- dual channels Acoustic Dosimeter
- dual channels Type 2 Sound Level Meter
- dual channels 1/1 octave analysis (option)
- dual channels Noise Dose Calculation in 1/1 octave bands (option)
- Time History recording (option)

FEATURES

- Acoustic Dosimeter conforming to IEC 61252
- Type 2 instrument conforming to IEC 61672
- easy operation
- built-in non-volatile memory up to 128 MB
- 2 x AA batteries (operational time > 8 h)
- USB 1.1 Client interface
- large LCD with backlight
- robust case
- dimensions: 95 x 83 x 33 mm
- light weight ca 350 g

SVAN 912AE Handheld Sound & Vibration Analyser



FUNCTIONS

Sound Level Meter & Vibration Meter

- noise measurements (Spl, L_{eq}, SEL, Statistics)
- infra and ultrasound measurements (from 1 Hz to 90 kHz)
- acceleration, velocity and displacement measurements
- human vibration measurements (meets ISO 2631-1&2)
- four channels sound and vibration measurements with SV 06A or SV 08A modules

Analyser

- real-time 1/1 octave and 1/3 octave analysis up to 90 kHz
- real-time narrow band frequency analysis up to 90 kHz (FFT)
- digital ZOOM (down to 0.016 Hz resolution)
- four channels frequency analysis with SV 06A or SV 08A modules

FEATURES

- Type 1 instrument conforming to: IEC 651, IEC 804, IEC 61672 and ISO 8041
- multi-function instrument
- easy operation
- built-in Flash disk 64 MB
- built-in rechargeable battery (operational time > 8 h)
- USB 1.1 interface
- RS 232 interface
- AES/EBU interface
- large LCD with backlight
- handheld, robust case
- light weight



Acoustic Calibrators SV 30A & SV 31



- Type 1 conforming to IEC 60942:2003
- 1000 Hz
- 94 dB or 114 dB levels (SV 30A)
- 114 dB level (SV 31)
- 1/2" internal reference condenser microphone
- automatic power On/Off
- microprocessor based design
- built-in temperature and static pressure compensation
- 2 x AAA batteries
- dimensions: 65 x 65 x 70 mm
- weight: 310 g



Environmental Noise Monitoring SV 211



NOISE MONITORING STATION SV 211

- periodical environmental noise monitoring terminal
- weather protected
- built-in sound meter & analyser (SVAN 959)
- 110 dB dynamic range
- powered from internal battery (solar panel optional)
- wireless (GPRS) data transfer (option)
- weather conditions monitoring (option)

NOISE MONITORING STATION SV 210

- permanent environmental noise monitoring terminal
- fully weather protected
- built-in sound meter & analyser (SVAN 959)
- 110 dB dynamic range
- powered from internal battery or mains (solar panel optional)
- wireless (GPRS) data transfer (option)
- weather conditions monitoring (option)

CONTROL of the STATION

- PC based
- SvanPC+(RC) software for control, data collecting and presentation
- Windows 2000/XP compatible

APPLICATIONS

- on line noise monitoring
- long term noise monitoring
- acoustic map verification
- noise barrier effectiveness verification



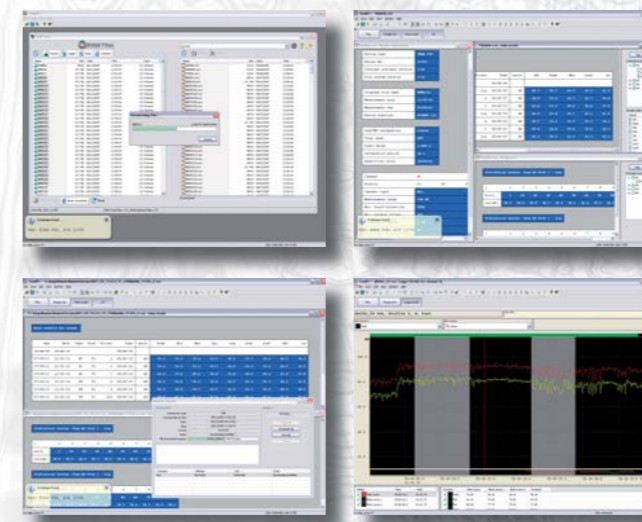
SvanPC+ software

Sophisticated tool extending functionality of the Svantek sound & vibration measuring instruments:

- remote control and data transfer for the SVAN 94x and SVAN 95x instruments
- measurement results downloading
- data visualisation
- data files storage
- data post-processing (e.g. spectra comparison, time history recalculation, tonality analysis etc.)
- data files export (*.txt, *.emf, *.csv formats)
- RS 232 and USB interfaces compatible
- Windows 2000/XP compatible

Remote communication module for SvanPC+

- remote communication using GPRS modems for the SVAN 9xx instruments
- simultaneous data acquisition from many instruments
- programmable session for each remote instrument (start/stop time, measurement parameters, type of collected results etc.)
- two modes of operation
 - two way communication between PC and instruments to gather measurement results
 - one way (receiving only) communication to gather results sent by instrument
- direct data transmission to internet (supports UDP/IP) in receiving mode only
- real-time visualisation of collected results
- advanced options to ensure continuity of GPRS connection and minimize data transmission losses



SVANTEK is Polish company established in 1990. Our mission is developing and producing the most advanced instrumentation for the sound and vibrations measurements. We currently offer:

Instruments

- sound and vibration level meters
- sound and vibration analysers
- multi channel input modules
- acoustic calibrators
- signal generators
- measurement microphones
- accelerometers
- accessories

Measurement systems

- environmental noise and vibration monitoring systems
- instrumentation for building acoustics
- laboratory equipment

Software

- SvanPC+ for data downloading, post-processing and remote operation
- SvanPC+(RC) (Remote Communication) sophisticated software module for remote communication between PC and SVAN 9xx instruments including GPRS data transmission.



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