

SVAN 958 with SV 207A Building Vibration Measurement Set

SV 207A is a very robust set dedicated for measurements of vibrations in buildings which includes high sensitivity triaxial accelerometer. It is an ideal accessory to be used with SVAN 958 four channel sound & vibration analyser and SVANTEK vibration monitoring systems. The triaxial accelerometer is placed in a metal base protecting it from dust, water and accidental damage.

SV 207A is equipped with levelling system (spikes) and spirit level providing easy adjustment of correct accelerometer's position. Thanks to metal spikes SV 207A can be also mounted on uneven surfaces or floors covered by carpets.

- Measurements according to DIN 4150 standard with SVAN 958 Sound & Vibration Analyser
- Spirit level tool
- Triaxial vibration accelerometer (1V/g sensitivity) mounted in robust hermetic metal base
- Special levelling system mounted on metal spikes
- Simultaneous measurement in X, Y and Z axes



TECHNICAL SPECIFICATION OF SVAN 958 WITH SV 207A SET

Standards	ISO 8041, DIN 4150
VLM Mode ¹	RMS, VDV, MTVV or Max, Peak, Peak-Peak
Analyser (option)	1/1 octave real-time analysis, 10 filters, Type 1: IEC 61260 1/3 octave real-time analysis, 30 filters, Type 1: IEC 61260 FFT real-time analysis up to 1920 lines with Hanning, Kaiser-Bessel or Flat Top window
Filters	KB (DIN 4150), HP1, HP3, HP10, Vel1, Vel3, Vel10, VelMF, Dil1, Dil3, Dil10, Wd, Wk, Wc, Wj, Wm, Wb, Wg (ISO 2631), Wh (ISO 5439)
RMS & RMQ Detectors	Digital True RMS & RMQ detectors with Peak detection, resolution 0.1 dB Time constants: from 100 ms to 10 s
Time-Domain Recording (option)	Simultaneous x, y and z time-domain signal recording to wave format
Accelerometer	SV 207A: Dytran 3233A accelerometer (triaxial, 1 V/g sensitivity) in robust metal hermetic base with levelling system Measurement Range: 1 mms ² RMS ÷ 50 ms ² Peak with HP1 filter Frequency Range: 0.5 Hz ÷ 3000 Hz
Accessories (option)	SC 242 cable for direct connection of SVAN 958 SC 241 for connection with SV 212 / SV 213 monitoring station

¹ simultaneous measurement in four channels with independent set of filters and detector constants