SVANTEK
health and safety

# SUPERVISOR

## PC Software for Health and Safety

Supervisor is a PC software package for health and safety specialists. The package supports all Svantek instruments for the health and safety market. The plug & play connection automatically detects noise dosimeters, sound level meters and vibration dosimeters to configure the measurement settings and download the data.

# SUPERVISOR

## PC Software for Health and Safety

### Data Management

Occupational noise and vibration

Every instrument that connects to Supervisor is remembered together with information such as the uploaded settings, firmware version, as well as the calibration validity date and instrument clock time. When data is downloaded, they are automatically categorised by measurement time and assigned to the instrument's serial number.

### Reporting

What You See Is What You Get!

Supervisor creates reports in a very quick and easy way. The user selects a file and opens it with a double-click. The measurements are automatically grouped into context panels which can be opened and closed with a single click. The panels can be arranged via drag-and-drop. Then you only need to click on the MS Word™ icon to print a report.

### Supervisor Lite

Simple mode for new users

Supervisor Lite was created with a focus on an easy and intuitive design, which is perfect for users who are new to Supervisor and the field of Noise & Vibration Dosimetry. The enhanced user experience offers a complete tool box meeting the needs of both new and established users of the Supervisor software.

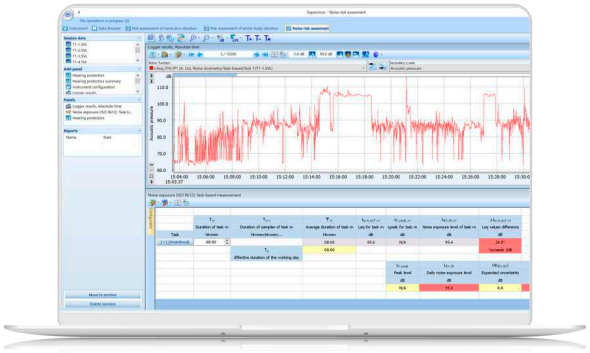
# Occupational Noise

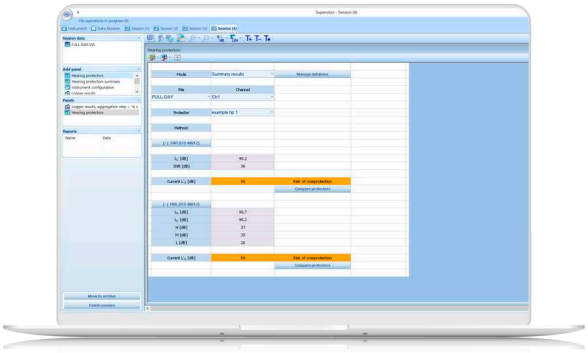
## Predefined setups for OSHA, MSHA, ACGIH, ISO

Create specialised configuration setups controlling how the instruments will make the measurements when in use. The intuitive interface guides the user through configuring the dosimeters with predefined setups for the OSHA, MSHA, ACGIH and ISO standards. There are six predefined presets provided with Supervisor for OSHA HC, OSHA PEL, MSHA HC, MSHA PEL, ACGIH, and Nordic – standards based on ISO.

## Simulation of changes of noise source emission

The Supervisor software provides the tools to simulate hypothetical situations in which the noise differs from that which was measured. When selecting a data block it is possible to shift the data up or down for any given dB value. It is also possible to simulate a situation where the noise is equal to a given dB level or completely removed from the time history. The altered data is automatically recalculated and both the original and recalculated results are shown to answer the question “What if”.





## Noise exposure recalculations in accordance with ISO 9612

The Supervisor software provides the complete tool for determination of occupational noise exposure from noise level measurements. The Supervisor provides automatic calculation of all required measurement results and uncertainties in accordance with the three measurement strategies described in ISO 9612: task-based, job-based and full-day.

## Hearing protection selection SNR, HML,OCTAVES

Supervisor supports all three methods allowing users to build up a hearing protectors data base. The calculation is done automatically with selection of data files containing the noise results required by the selected method.

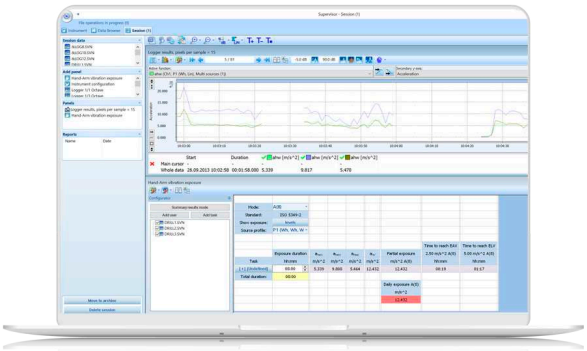
## Comprehensive session views

Download and store measurement runs in database for later manipulation and viewing, create comprehensive session views using customizable result panels then print hard copy reports for your personnel files. Share results with colleagues.

# Human Vibrations

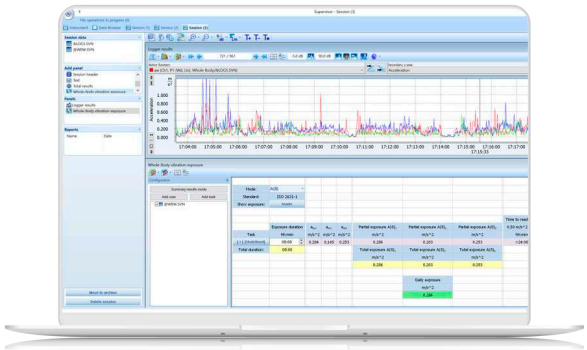
## Hand-Arm Vibration

ISO 5349-2 gives practical guidelines in accordance with ISO 5349-1 on how to take hand transmitted vibration measurements at the workplace. These kinds of measurements are possible with the SV 106 human vibration analyser and SV 103 hand-arm vibration dosimeter. The data downloaded into the Supervisor database are assigned either to a particular user or to a task while all calculations are performed automatically. The measurements are recorded in m/s2 and are directly comparable to the limits laid down by European Directive 2002/44/EC. It is also possible to convert these units into Points, which are widely used within the health & safety sector. All of the information displayed within the panel window can be printed in the report.



## Whole-Body Vibration

The ISO 2631-1 standard defines the general methodology to assess whole-body vibration exposure. These measurements can be performed with the SV 106 human vibration analyser and the SV 100A whole-body vibration dosimeter. The measurements downloaded into the Supervisor database are assigned either to a particular user or to a task while all calculations are performed automatically. The measurements are recorded in m/s2 and are directly comparable to the limits defined by European Directive 2002/44/EC. It is also possible to convert these units into Points, which are widely used within the health & safety sector. By clicking on Mode, you can switch to calculations based on VDV, which is often necessary when the vibration is characterised as impulsive.



The policy of our company is to continually innovate and develop our products.
Therefore, we reserve the right to change the specifications without prior notice.