

# 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.



**Measurement Report**  
DATE: 1/10/2022 2:18:01 PM

**Larger results**

**Noise exposure (ISO 9612): Task-based measurement**

Task	Time	Duration of task in minutes	Average variation of task in dB	Leq task in dB	Peak level in dB	Lex (dB)	Lex,8h (dB)	U(LEX,8h) (dB)	U(LEX,8h) (dB)	U(LEX,8h) (dB)
Task 1	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 2	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 3	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 4	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 5	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 6	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 7	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 8	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 9	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7
Task 10	08:00	00:00	110.7	128.7	149.9	110.7	128.7	110.7	0.2	110.7

www.svantek.com



# 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.



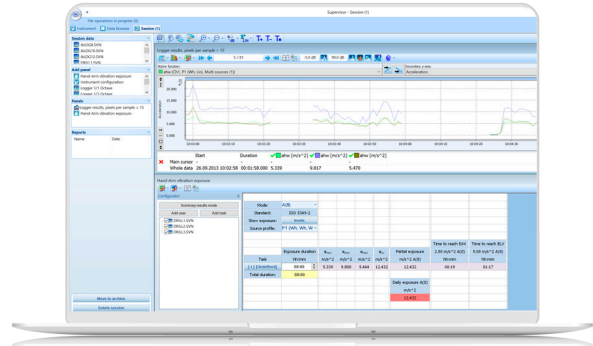


# Human Vibrations



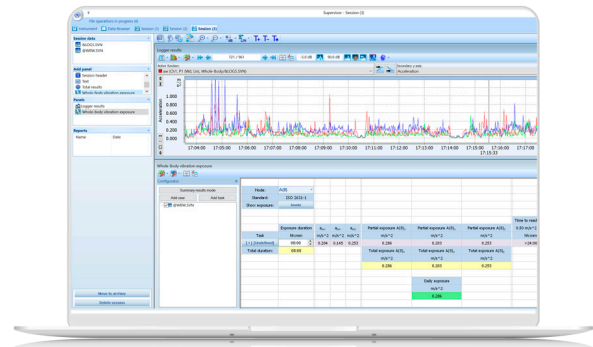
## Hand-Arm Vibration

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/s<sup>2</sup> 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/s<sup>2</sup> 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.