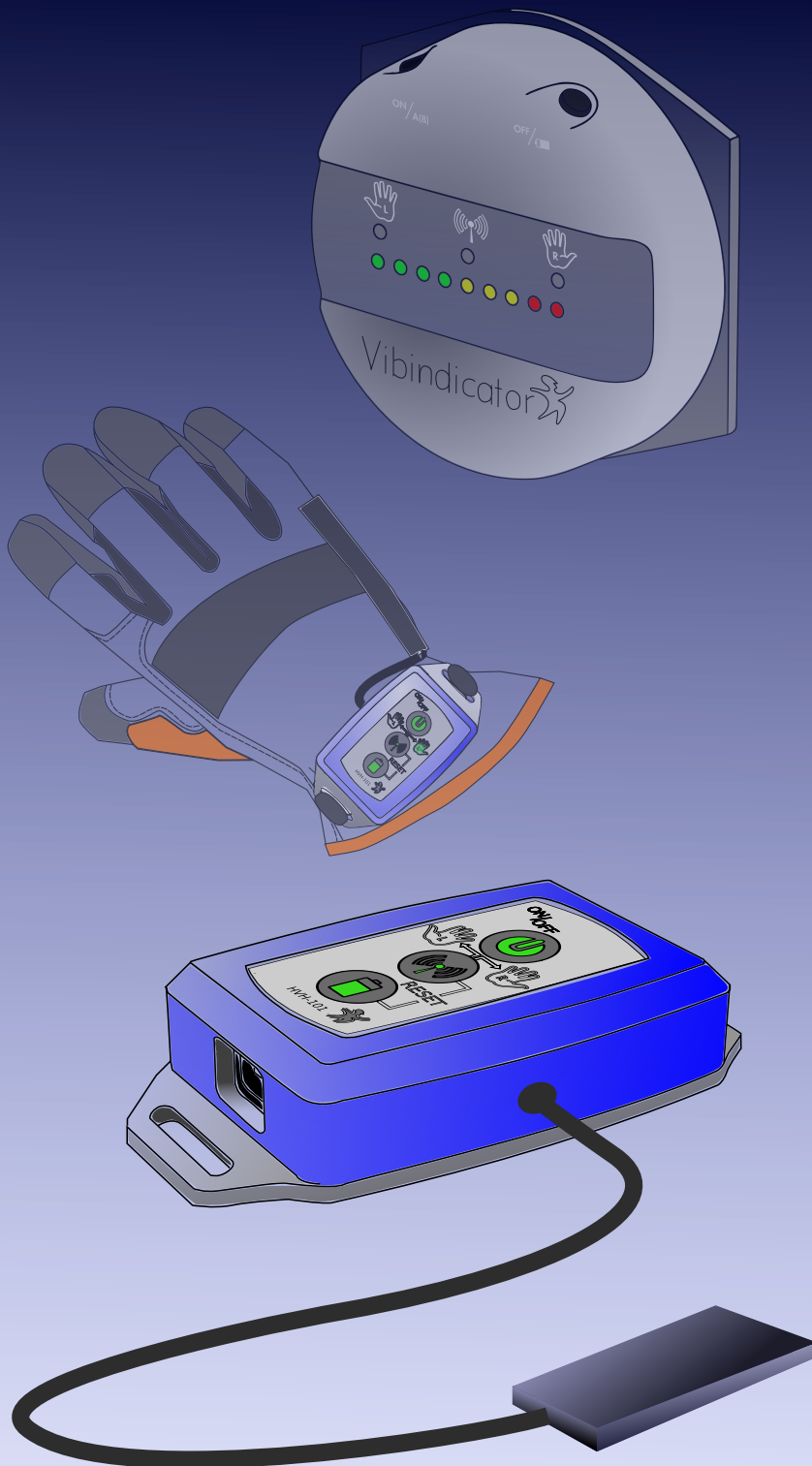


Product Sheet



HealthVibroHAV[®]
HAND & ARM VIBRATION MEASUREMENT SYSTEM



CVK - Center for Vibration Comfort

HealthVib HAV

Hand & Arm Vibration 6-channel measurement system

The concept HealthVib HAV constitutes of a sensor and an active analysis unit.

HealthVib HAV measures and analyses HAV-vibrations as required by ISO-5349 and EU-directive 2002/44/EG. Measuring using HealthVib HAV is easy to learn and carry out. The unit does not require cables, software or any special configurations.

A second passive HealthVib HAV unit can be connected and measure both hands simultaneously.

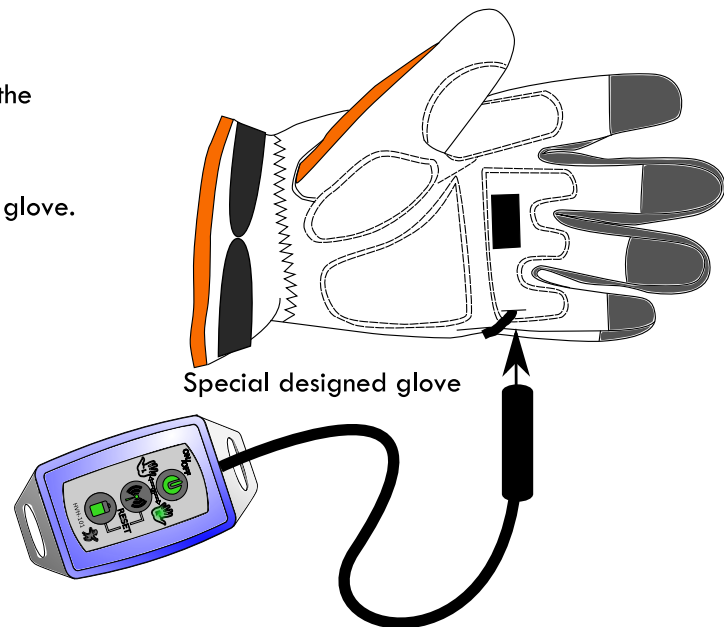
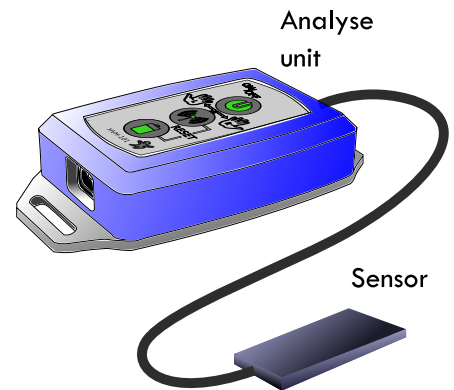
The weighted Vibration dose can be extracted from the active unit.

During the measurement a Vibindicator HAV can be connected. The weighted vibration level will be displayed on the indicator and stored for later analysis.

The sensor and analyse unit is mounted on a special designed glove. The sensor is placed in the palm of the hand inside the specially adapted pocket. This according to the standard ISO-5349.

The operator is then free to work completely unhindered. The sensor can also be mounted directly on machine by using included adaptors.

Data can be wirelessly sent to a Vibindicator HAV for later analysis in a PC with the included computer software CVK VibView.



HealthVib HAV technical specifications

Sensor type: 3-axis accelerometer

Measurement unit: $\text{m/s}^2(\text{r.m.s})$

Weighting filter: Wh (ISO 5349)

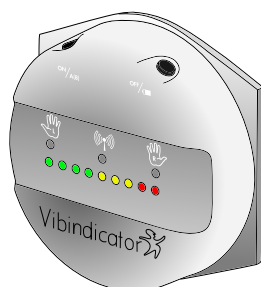
Sample rate: 3125 Hz, three-axis

Frequency range: 1-1500 Hz

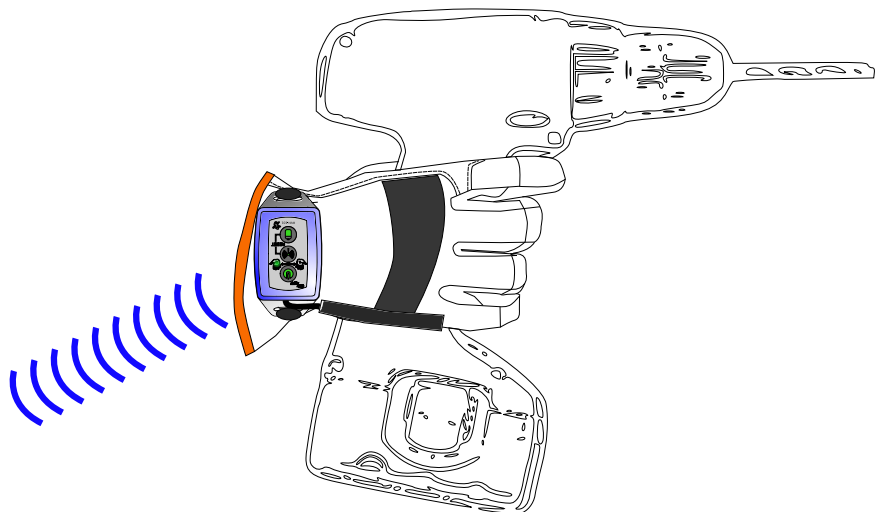
Battery time: 16 hours

Charge time: 6 hours, battery charger is included

Calculates: a_v , $A(8)$



Vibindicator HAV



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