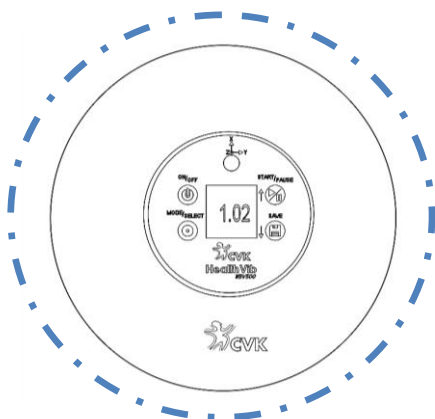
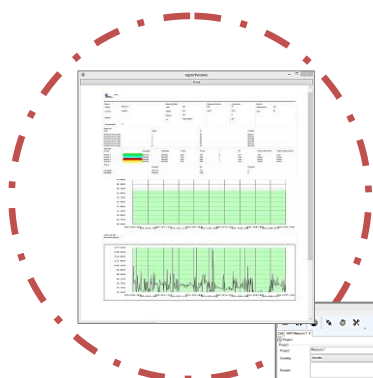




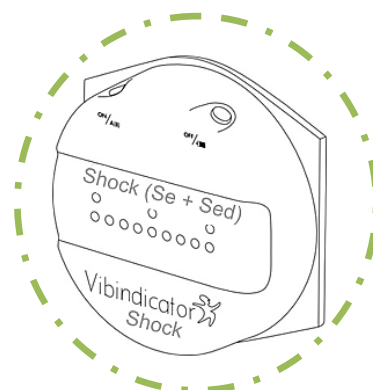
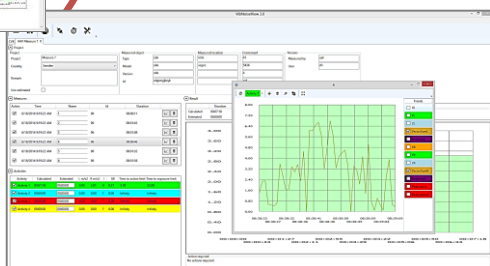
HealthVib® WBV 500

Measuring vibrations in three directions and present raw data, FFT, r.m.s., Crest, VDV and shocks to meet the requirements of 2002/44/EC.



CVK VibNoiseView™ 3.0

Present raw data, FFT, Crest, VDV, Sed and r.m.s. in three directions. Reports are easy performed and printed. Raw data can be exported to other software.



Vibindicator® WBV Shock (Optional)

Displays S_{ed} vibration level according to ISO2631-5. Accumulated and momentary vibration dose are presented.

Technical specifications for HealthVib WBV 500 system

Characteristics	HealthVib WBV 500 system	
Standards	Use in accordance with ISO-2631-1,-5, 2002/44/EC	
Frequency weighting	No weightings, W_k , W_d	
Measured magnitudes	FFT, Se, Sed, A_{VDV} , A_{rms} , $A(8)$, (dB, MPa, $m/s^{1.75}$, m/s^2)	
Product specifications	HealthVib WBV 500	Vibindicator WBV Shock
Material	Plastic/Rubber	Plastic
Measured/saved magnitudes	Se, Sed, A_{VDV} , Crest, A_{rms} , $A(8)$	Se*, Sed
Memory type	Integrated SD	Not Available
Memory capacity	>10 hours	Not Available
User interface	Color display 128x128 px	3 status indicating LED's 9 vibration level LED's
Dimensions	ø215mm, height 11.9mm	58 x 58 x 18 mm
Weight	335 gram	40 gram
IP-class	40	40
PC Communication interface	Micro USB	Not Available
Transmission	Transceiver (<1 mW radio)	Receiver
Transmission frequency	869.8 MHz	869.8 MHz
Range	Up to 5 m	Up to 5 m
Battery time	>10 hours	16 hours
Battery voltage	3.7 V	3.7 V
Charging voltage	5 V	5 V
Battery charger interface	Micro USB	Mini USB
Calibration	With shaker	Not available
Accessories	Calibrator adaptor	Velcro bands

*momentary Se level

Accelerometer specifications

Accelerometer type	Mems Tri-axial (x, y, z)
Sensitivity	660 mV/g
Measurement range	20 m/s^2 peak
Dynamic range	72 dB
Resolution	0.01 m/s^2
Frequency bandwidth	0 – 300 Hz
Temperature range	-40 to 85 °C

Available systems	Containing
WBV 500 system (CVK1210)	HealthVib WBV 500, CVK VibNoiseView 3.0, carrying case, documentation, USB-cable, charger
WBV Vibindicator Shock (CVK1901)	Vibindicator WBV Shock, documentation, USB-cable, charger
Calibrator WBV Adaptor (CVK7010)	Adaptor for calibration
Calibrator incl. WBV Adaptor (CVK7011, CVK 7012)	Calibrator incl. adaptor for calibration