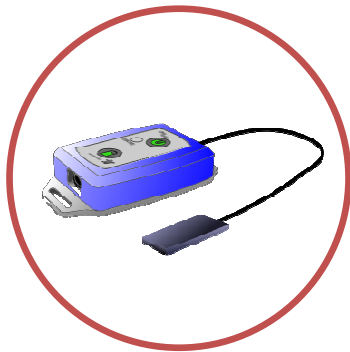


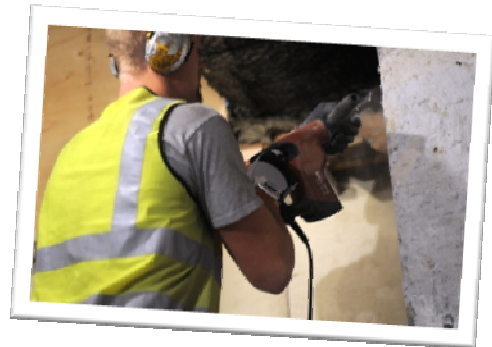
HealthVib© HAV active unit

Measures and calculates vibrations
to meet the requirements of 2002/44/EC



HealthVib© HAV passive unit

Measures and calculates vibrations
and sends data to an active unit



Vibindicator® HAV

Displays and stores vibration level and dose from
active and/or passive unit for further analysis.





Technical specifications for HealthVib HAV measuring system

Characteristics	HealthVib HAV measuring system		
Standards	Works in accordance to ISO-5349, 2002/44/EC		
Frequency weighting	W_h		
Measured magnitudes	$A_{hv_{rms}}$, $A(8)$, peak, A_{mom}^* (m/s ²)		
Product specifications	HealthVib HAV active	HealthVib HAV passive	Vibindicator HAV
Material	Aluminum/plastic	Aluminum/plastic	Plastic
Measured/saved magnitudes	$A_{hv_{rms}}$, $A(8)$	$A_{hv_{rms}}$, $A(8)$	$A_{hv_{rms}}$, $A(8)$, 1s A_{mom}^* , peak
Memory type	Integrated flash	None	Integrated flash
Memory capacity	31 days (daily rms value)	None	14-28 hours (1 s rms values)
User interface	2 status indicating LED's	1 status indicating LED	3 status indicating LED's
Dimensions	58 x 43 x 15 mm	58 x 43 x 15 mm	9 vibration level LED's
Weight	81 gram	81 gram	58 x 58 x 18 mm
IP-class	44	44	40 gram
PC Communication interface	Mini USB	Not Available	40
Transmission	Transceiver (<1 mW radio)	Transceiver (<1 mW radio)	Mini USB
Transmission frequency	868 MHz	868 MHz	Receiver
Range	Up to 5 m	Up to 5 m	868 MHz
Battery time	12 hours	12 hours	Up to 5 m
Battery voltage	3.7 V	3.7 V	17 hours
Charging voltage	5 V	5 V	3.7 V
Battery charger interface	Mini USB	Mini USB	5 V
Calibration	With calibrator	With calibrator	Mini USB
Accessories	Special glove	Special glove	Not available
	Adaptors for machine mounting		Velcro bands

*momentary weighted r.m.s vibration level.

Accelerometer specifications

Accelerometer type	MEMS Tri-axial (x, y, z)	MEMS Tri-axial (x, y, z)
Weight (incl. cable)	6 grams	6 grams
Sensitivity	57 mV/g	57 mV/g
Measurement range	235 m/s ² peak	235 m/s ² peak
Dynamic range	72 dB	72 dB
Resolution	0.1 m/s ²	0.1 m/s ²
Frequency bandwidth	0 – 1.6 kHz	0 – 1.6 kHz
Temperature range	-40 to 85 °C	-40 to 85 °C

Available systems

Available systems	Containing
HAV basic system (CVK1511)	HealthVib HAV active, CVK VibView light, carrying case, documentation, cables
HAV basic system extended (CVK1515)	HealthVib HAV active, HealthVib HAV passive, CVK VibView light, carrying case, documentation, cables
HAV complete measurement system 1 (CVK1501)	HealthVib HAV active, Vibindicator HAV, adapter, CVK VibView 2.0, carrying case, documentation, cables
HAV complete measurement system 2 (CVK1505)	HealthVib HAV active, HealthVib HAV passive, Vibindicator HAV, adapter, CVK VibView 2.0, carrying case, documentation, cables