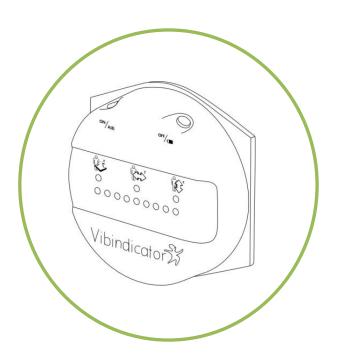


## HealthVib© WBV 300

Measures, calculates and present vibrations in three directions based on r.m.s., VDV, peak and crest values to meet the requirements of 2002/44/EC



## **WBV Vibindicator™**

Displays and stores vibration level and dose from HealthVib WBV for further analysis. Accumulated and momentary vibration dose are presented



## Technical specifications for HealthVib WBV 300 measuring system

Characteristics	HealthVib WBV 300 measuring system	
Standards	Use in accordance with ISO-2631, 2002/44/EC	
Frequency weighting	Wk, Wd	
Measured magnitudes	A <sub>mom</sub> *, A <sub>rms</sub> , A <sub>vdv</sub> , A(8), Peak, crestfactor	(m/s²)

	ı	1
Product specifications	HealthVib WBV 300	Vibindicator WBV
Material	Plastic/Rubber	Plastic
Measured/saved magnitudes	A <sub>rms</sub> , A <sub>vdv</sub> , Peak, Crest,	A(8), A <sub>mom</sub> *
	A(8)	
Memory type	Integrated SD	Integrated flash
Memory capacity	>10 hours	16 hours (1s rms values)
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	Mini USB
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
		Arm holder

<sup>\*</sup>momentary weighted r.m.s vibration level.

## Accelerometer specifications

- 100010101101010	
Accelerometer type	Mems
	Tri-axial (x, y, z)
Sensitivity	660 mV/g
Measurement range	20 m/s² peak
Dynamic range	72 dB
Resolution	0.01 m/s <sup>2</sup>
Frequency bandwidth	0 – 160 Hz
Temperature range	-40 to 85 °C

Available systems	Containing
WBV 300 system (CVK1110)	HealthVib WBV 300 (incl seat plate), CVK VibNoiseView 3.0, carrying case, manual, charger, usb-cable
WBV Vibindicator (CVK1901)	Vibindicator WBV, manual, charger, usb-cable
Calibrator WBV Adaptor (CVK7010)	Adaptor for calibration
Calibrator incl WBV Adaptor (CVK7011, CVK 7012)	Calibrator incl adaptor for calibration