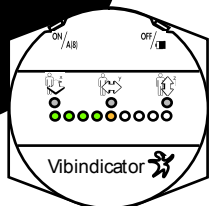


Measures, calculates and presents vibrations in three directions based on r.m.s. VDV, Peak and Crest values to meet the requirements of 2002/44/EC



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

Use in accordance with ISO-2631, 2002/44/EC

Measured magnitudes: A_{rms} , A_{rms} , A_{vdv} , $A(8)$, Peak, Crestvalue

Frequency weighting: W_k , W_d

Product specification	HealthVib WBV300	Vibindicator WBV <i>Optional</i>
Material	Plastic/Rubber	Pastic
Measured/saved magnitudes	A_{rms} , A_{VDV} , Peak, Crest, $A(8)$	$A(8)$, A_{mom}^*
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	Micro USB	Mini USB
Wireless Range	Up to 5 m	Up to 5 m
Battery Time	>10 hours	16 hours
Battery voltage	3.7 V	3.7 V
Charging Interface	Micro USB	Mini USB
Accelerometer Specifications		
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 - 160 Hz	
Temp Range	- 40 to +85 °C	

* momentary weighted r.m.s vibration level.

