Software Module Whole-Body Vibration VM-BODY

Application

- Software module of the PC based vibration measurement system VibroMetra
- Measurement and evaluation of whole-body vibrations to EN ISO 2631
- Health evaluation of vibrations in vehicles, construction machinery, forklift trucks etc. to ISO 2631-1
- Measurements for the implementation of EU guideline 2002/44/EC
- Measurement of vibrations in buildings to ISO 2631-2
- Comfort evaluation of vehicles
- Vibrations in fixed-guideway transport systems to ISO 2631-4

Properties

- Measurement of the RMS of weighted acceleration in three orthogonal directions
- Vibration total value (Ahv)
- Vibration dose value (VDV)
- Various weighting filters to ISO 8041-1
- User guidance corresponding to the standard
- Offline processing of stored measurement data
- FFT analysis of vibration events with VM-BODY+
- Calculation of daily vibration exposure A(8)
- Generation of individualized reports
- Available as kit including hardware and sensor

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Technical Data

	VM-BODY	VM-BODY+
Event analysis	no	FFT
Measurands	Interval RMS; maximum RMS (MTVV)	
	Vibration dose value (VDV); crest factor	
Frequency weightings	Wb; Wc; Wd; Wj; Wk; Wm	

Scope of delivery   VM-BODY Kit: 3 VM-BODY; 2 M302; KS963B100-S; 034-B711f-BNC

Notice   A free trial version of VibroMetra including VM-BODY can be downloaded from our website www.MMF.de.
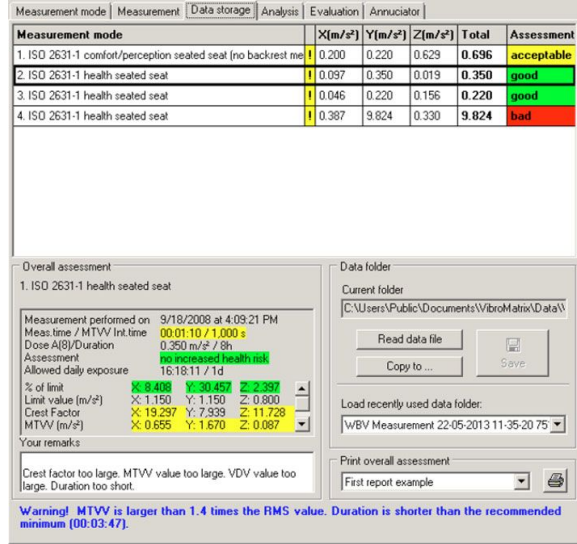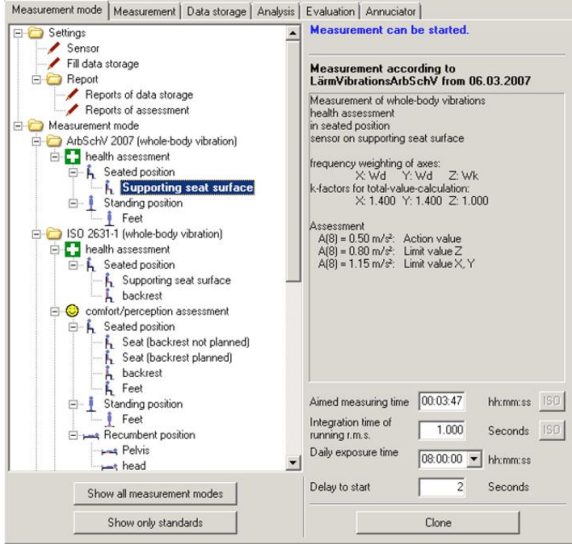
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