VM100 Kit for Whole-Body Vibration

VM100B-WB

Application

- Based on the balancing software license VM100-HUM for the vibration analyzers VM100A and VM100B
- Includes the Vibration Analyzer VM100B, sensor and accessories
- Measurement of the vibration effect on the body via seat, backrest and feet
- Maximum Interval RMS of X/Y/Z to ISO 2631 / ISO 8041-1
- Maximum Vibration Dose Value(VDV) of X/Y/Z to ISO 2631 / ISO 8041-1
- Occupational health measurements to EU directive 2002/44/EC and development-related measurements on machines and vehicles
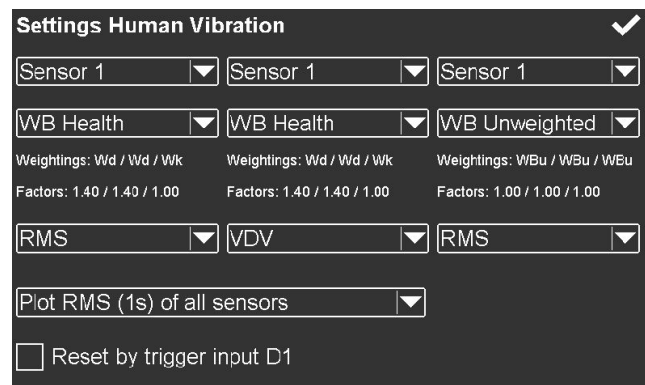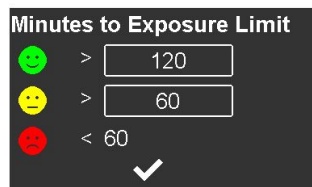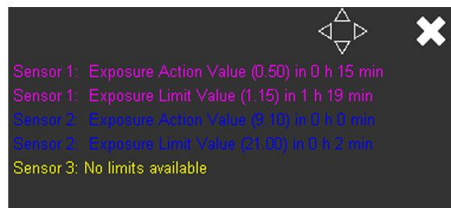
Properties

- Easy to use and clear user guidance
- Simultaneous display of 3 different meaurements, e.g. RMS, VDV, unweighted
- Display of 3 axis values (X/Y/Z) and total values
- Graphical plot display up to 10 hours
- Display of the remaining work time before reaching the exposure limit value
- External reset via dgital input
- Advantageous in combination with the FFT analysis included in the scope of delivery
- Expandable for hand-arm vibraten (compare VM100B-HAWB)

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Technical Data

Measuring channels	3 (X/Y/Z)
Weighting filters	Wb, Wc, Wd, We, Wj, Wk, Wm and band filter 0.4 – 100 Hz
Operating modes	Maximum interval RMS for whole-body vibration to ISO 2631
	Maximum vibration dose value (VDV) for whole-body vibration to ISO 2631
	Maximum transient vibration value (MTVV) to ISO 2631
	Crest factor for whole-body vibration to ISO 2631
Plot diagram	up to 10 h running RMS of X/Y/Z or Ahv/VPM
Data export	CSV measurement data table and bitmap screenshot

Scope of delivery   Kit VM100B-WB:

VM100B Vibration Analyzer, 3 channels

Triaxial seat pad accelerometer KS963B100-S