**Human Vibration Measurement**

**Vibration Monitors**
- **M302** provides universal vibration measurement, 4-20 mA output, USB interface.
- **M208** is a digital vibration monitor, includes piezoelectric sensor, electronics, software for setup and measurement.

**Plug-In Filter Modules for M12, M33 and M208**
- FB3 provides frequency analysis, acceleration, velocity, frequency response, shock testing, order tracking analysis.
- FB2 provides vibration analysis, frequency response, shock testing, fatigue testing, predictive maintenance.

**Vibration Switches * Digital Vibration Sensor**
- EMB, EMB-SW: 600 VA, 240 VAC, 250 VA, 300 VAC.
- EMB-PI: 220 VAC, 170 VA, 50 VA.

**Machine Monitoring**
- **Machine Vibration Kits**
  - VM-METER+ (KS943B.10) + 2 M302 (KB103SVD)
  - VM-PLOT+ with value display

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**Building Vibration**
- VM30C
- VM30
- VM25
- VM23
- VM-FFT

**Data Recording**
- Off-line measurement: The system saves raw data in the background for later analysis.

**Multi-axis Vibration Monitor**
- VM-METER+: compatible with USB devices, supports IEPE, IEPE true RMS or true peak-peak, 1000 m/s² sensitivity, 16,000 values/USB.

**Human Vibration (continued)**

**Human Vibration Meter VM31**
- **Basic**
  - Whole-body vibration
  - Frequency range:
    - Acceleration: 0.01 - 15 m/s²
    - Velocity: 1 - 1000 mm/s
    - Displacement: 0.1 - 60 mm
- **Advanced**
  - **Wd, Wj, Wk, Wm**
  - **Crest Factor**
  - **RMS, max. RMS (MTvv)**
  - **Vibration dose value (VDV)**

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**Contact:**
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- Metra Meß- und Frequenztechnik in Radebeul e.K.
- Since 1954