

# ZEB



VibraZEB VM-3F  
EB00.904.2000

... simply precise

### HIGHLIGHTS

- ✗ Equipment designed for easy vibration detection and evaluation.
- ✗ With the included software, vibrations can be assessed according to many international standards. (DIN4150-3, ÖNORM 9020, SN640312)
- ✗ The device has three integrated geophones in triaxial orientation (z, x, y).
- ✗ Hardware design according to DIN45669-1.

ZEB recommends regular calibration of the device at intervals of 24 months.

### Overview

Our vibration meter VibraZEB VM-3F has been developed to enable a simple and fast assessment of vibration events.

The robust aluminium housing is designed with waterproof housing sockets. The device's internal battery is charged via USB-C. The data is stored on a micro SD card. It is possible to connect a sound pressure level microphone.

The included Vibration Meter Windows software makes it possible to create both simple measurement reports and professional evaluations. A raw data export as a CSV file is possible.

The device is delivered with a power supply and spikes in a small, robust plastic case.

### Accessories

The equipment can be expanded with the EB00.904.6215 microphone probe to measure the sound pressure level.

## Technical data

Type	VM-3F	Display	4 * LED + LCD-Display
Channels	3 Geo, 1 Mic	Degree of protection	IP65
Samplerate [sps]	1024	Triggers	Wave/Bargraph
Frequency range [Hz]	1-80	Weight [kg]	1,6
Sensors	Geophones	Dimensions [mm]	160*155*70
Memory	1,000 events	Temperature range [°C]	-20 - +55
Battery	Li-Ion (internal)	Charging port	USB-C (PD)

### DISCLAIMER AND LIMITATION OF LIABILITY

The information contained here may vary depending on the different storage and usage conditions of the products, as well as external factors such as temperature, humidity and pressure, among others. This product is potentially dangerous; therefore, its use and handling must be limited to personnel, qualified and subject to the laws in force. The documentation described herein shall not be considered a contractual obligation and its disclosure shall not be treated as a contractual offer. On the basis of this document, the Company does not assume any liability or warranty towards third parties.

MAXAM Deutschland GmbH  
ZEB - Zünderwerke Ernst Brün  
Boschstr. 10a, 45770 Marl, Germany  
Phone +49 (0) 2365 50209-00  
Fax +49 (0) 2365 50209-40  
zeb@maxamcorp.com

Dealers