

CMT Vibration Meter Marine

CM Technologies GmbH complements its range of easy to use monitoring tools with the Vibration Meter Marine. CMT's goal is to provide the right solution for the job at hand and is proud to present the new version of their Vibration Meter specifically made for the Marine industry.

Crews of seagoing vessels are under constant stress and the crew changes in fixed intervals. Therefore to successfully use a Vibration Monitoring device onboard it must be easy and intuitive to use and offer measurement results which the crew can immediately understand and which help the crew with their task of maintaining the vessels machinery. The Vibration Meter Marine offers measuring modes put together exclusively for the Marine industry.

A powerful expert system provides on the spot useable results without the need to send the information on shore for evaluation, even beginners can use these results right away without any training or knowledge about vibration analysis.

Specification

Input	1 x ICP powered
Display	2.2 inch / 54 mm
Resolution	240 x 320
Output	1 x headphones, 1x USB-C
Velocity	10 - 1000 Hz
Acceleration	500 - 16 000 Hz
Velocity Spec.	0 - 200 Hz
Stroboscope	10 - 18000 rpm
Temperature (IR)	-70 to 380 °C
Dimensions	170 x 85 x 40 mm
Weight	590 g incl. battery
Battery	15h of usage

A lubrication mode allows monitoring and control of lubrication processes of grease lubricated machinery. This ensures proper lubrication and on the other hand spares costs and avoids damages due to over lubrication. Define the values of the shown limits specifically to your set up. Additionally, the device offers an integrated IR temperature probe, a stroboscope and flash light which are valuable tools for the day to day work.

The "PLUS" version of the device allows storing of all data into the internal memory and evaluation with the supplied PC software at a later stage.

As part of the delivery of the PLUS version our customers get the powerful data diagnostic software for storage and evaluation of vibration and technical data. Collecting data with the integrated route function has never been easier.

The software allows trending and a deeper analysis on site or at remote locations.

The software allows engineers to plan measurement routes and upload these to the device so that every crew member is able to collect the data.

With the purchase of the Vibration Meter Marine you get everything you need to start right away.



Scope of delivery includes the device, acceleration sensor, software (PLUS Version only) and accessories all in a small rugged case for storage in between usage. Optional high quality headphones are available for the acoustic evaluation of the bearings. Using the headphones an experienced user is able to spot problems in seconds.

Your benefits:

- Specifically made for the needs and challenges of the Marine industry
- Easy & fast trending
- Quick diagnosis of the condition via a simple traffic light system
- Optional route measurements with free supplied software customized for the marine sector
- Easy to understand, easy to use
- Bright color display for outdoor use
- All results obtained can be directly used and understood by the user on board.
- Set the measuring limits according to the specific of your machinery

Available Test Modes

- RMS Vibration Level
- FASIT Expert System
- Bearing Lubrication

Additional Features

- IR-Temperature
- Stroboscope / Speed
- Torch
- Headphones

Ordering Information

VIB-CT-50035
CMT Vibration Meter Marine
 without Memory
 (including one acceleration sensor)

VIB-CT-50030
CMT Vibration Meter Marine PLUS
 with Memory and PC software
 (including one acceleration sensor)

VIB-CT-50005
Acceleration Sensor 100 mV/g

VIB-CT-50011
Standard Measuring Pad 10 pcs.

VIB-CT-50018
Epoxy Metal Glue for Measuring Pads

VIB-CT-50017
PELTOR Heavy Duty Headphones

