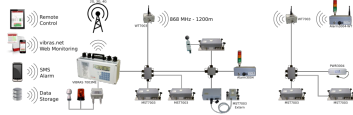


VIBRAS® System Productgroups



WALESCH Electronic GmbH
Gestenrietstrasse 2
CH-8307 Effretikon, Switzerland
Phone +41 52 343 80 80
FAX: +41 52 343 15 00
Mail: info@walesch.ch
Web: www.walesch.ch

VIBRAS® System

VIBRAS® are vibration measurement systems manufactured by WALESCH Electronic GmbH of Switzerland. These systems are built according to the standard DIN 45669, DIN4150-2.

The VIBRAS 7003 is the latest, compact and modular system with which all manner of man-made vibrations can be measured, (such as from blasting, pile driving, dynamic compacting, machinery, traffic, etc.)

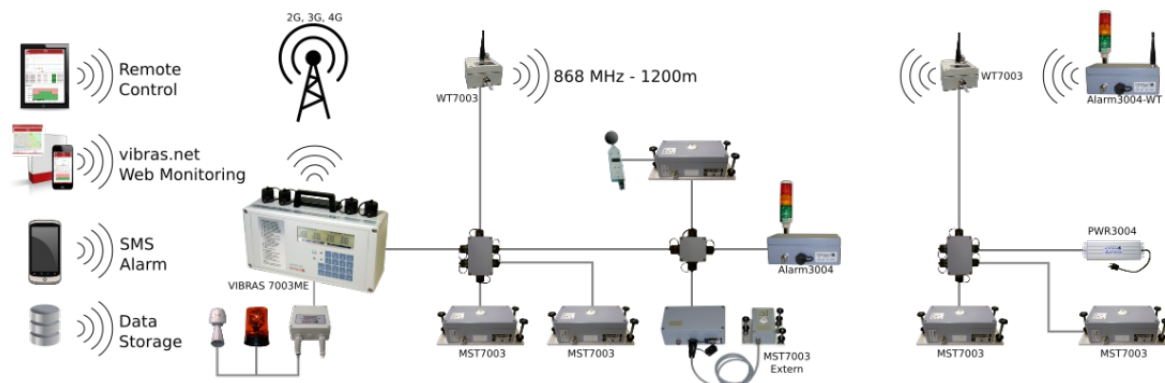
The system consists of the evaluation instrument and the sensors, which can be either analogue or digital. Up to 16 digital sensors may be connected to a single evaluation instrument. The system enables therefore simultaneous measurement of vibration at up to 16 independent locations, each in three orthogonal directions, i.e. 48 channels.

Due to the digital transmission of data it is possible to have the sensors located at considerable distances from the evaluation instrument, (e.g. a single digital sensor can be located at a distance of up to 1500 meters using a standard cable).

However, if the cables cannot be used, a wireless version of the system that works on the radio signal principle is also available. Measurement can then be taken at locations situated of up to approximately 1.2 km away from the evaluation instrument.

Although the VIBRAS 7003 is virtually completely programmable parametrically, the operation remains extremely simple. For general applications the default parameters of the instrument may be used. Data Acquisition begins as soon as the required sensors are defined. Long strings of parameter entry are therefore unnecessary.

The VIBRAS 7003 is ideal for the registration of short duration events as well as unattended monitoring of vibration over extended periods of time. During monitoring in the ramming or traffic mode the current vibration levels are constantly displayed on LCD. Furthermore, the maximum values of the last 200 events stored in the memory can be reviewed at any time.



Products

VIBRAS 7003 ME

Evaluation instrument VIBRAS 7003 ME



Subject to modifications and errors

WALESCH Electronic GmbH, Gestenrietstrasse 2, CH-8307 Effretikon, Switzerland,
 Phone +41 52 343 80 80, Mail: info@walesch.ch, Web: www.walesch.ch

VIBRAS 7003

Evaluation instrument VIBRAS 7003



MST 7003

Digital tri-axis sensor for velocity measurement.



VibConnect

Remote control, data transfers and alarming for VIBRAS® System over mobile network or ethernet



WT 7003 Radio Modem

Radio modem for data transmission between MST3004/MST7003 sensors and the VIBRAS evaluation instrument using telemetry



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PWR WT 3004

Power supply unit suitable to WT 7003



Alarm 3004

A modular alarm system for the VIBRAS® system

