

# FA-Meter

12 / 98

*- an easy way to measure vibration -*



## Benefits for the user

- A fast way to check if a vibrating machine works properly
- A handheld instrument
- No training necessary

## The FA-Meter measures frequency and acceleration.

The FA-Meter is a hand-held instrument which measures frequency and acceleration amplitude in vibrating machines. The instrument is used to check that a vibrating machine is functioning properly. The instrument can also be used to measure undesirable vibrations in machinery. The FA-Meter is designed for use on:

- Vibrating rollers
- Vibrating formers for precast concrete elements, precast piles etc.
- Vibrating feeding devices
- Vibrating machines in general

There are two types of FA-Meters, FAM-011 and FAM-012:

- **FAM-011** shows acceleration in **g** and frequency in **rpm**
- **FAM-012** shows acceleration in **m/s<sup>2</sup>** and frequency in **Hz**

## Principle

The instrument consists of a main unit and a sensor with cable. The sensor contains an accelerometer and has a magnetic base for easy attachment to the test object. The main unit gives an instant indication on a digital display of frequency or acceleration. There are two switchable filters. A low-range filter can be switched in to cut undesired high resonance frequencies in the equipment being measured.

### Specifications

	Main unit	Sensor
Weight	250g	115g
Dimensions	140x80x35 mm	25x35 mm (cyl.)
Cable length	1.5m	
Battery	9V battery provides at least 50 hours of continuous operation.	
Measuring range	<b>FAM-011</b>	<b>FAM012</b>
Frequency	20,000 rpm	200Hz