Standard composition



IMV CORPORATION

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*The specifications and design are subject to change without notice.









Simple & Easy!

IMV CORPORATION



The easy analysis function has been equipped. The criteria is based on "ISO standard 10816-3: 2009"

describes the absolute value judgment by velocity rms.

If there is no vibrometer,



As a common way to know the state of the rotating machines, listening and palpation methods are well-known. However, these are been subjected by the feeling of each individual, and result in the different analysis consequences.

If there is vibrometer,



This vibrometer is capable of diagnosing machines by the "criterion". Anyone can produce the same result. No need to rely on the individual's ability anymore.

What is "Vibration severity measurement instrument on the requirements 10816-3: 2009" ?

ISO vibration severity

This standard is widely used for analysis of rotational machinery. The current ISO standard 10816-3: 009 describes the absolute value judgment by velocity rms.

ISO 10816-3:2009 Vibration Standard Evaluation

Velocity severity (mm/s RMS)	Group 2		Group 1	
0.71	А	A	A	
2.3	В			А
2.8				
3.5	С	В	В	
4.5				В
7.1		С	С	
11.0	D	р	D	С
				D
Foundation	Rigid	Flexible	Rigid	Flexible

A: good B: Satisfactory C: Unsatisfactory (alert) D: Unacceptable (danger)

This vibration meter has a built-in analysis function. All you need is pushing the button and then the analysis result will be shown on the display.

What can we know?

Acceleration

Bearing scratches, noise, gear abnormalities, cavitation, etc.

Velocity

Unbalance, misalignment, coupling failure, the slide bearing failure, foundation failure, impeller vibration, etc.

Displacement

Surging, water hammer, ground vibration, pulsation of the pipe

Objective machinery is classified into two major groups.

Group 1 Large machinery Output: 300 kW to 50 MW, Shaft hight: >315 mm

Group 2 Medium machinery Output: 15 kW to 300 kW, Shaft hight: 160 mm to 315 mm



Simple and Easy

Easy



Carry in one hand

(Smartphone-size)

Need only

3 steps to measure

Straightforward



Alert

Satisfactory





TFT color LCD 2.8 inches.



All you need is pushing the button and then the analysis result will be shown on the display.



Application example

6 Save function

Built-in memory of 16 GB inside.

Measurement data can be stored

for up to 10,000 points maximum.





3 Magnet fixing

The rear magnet helps you measuring. You will be able to use your both hands during measuring. *Optional Accessories



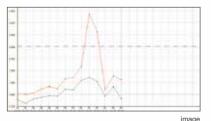


Big button helps you pushing

even when you are wearing groves.



We offers a free software that is designed to manage stored data. It is available in our website.



Machine too

Compresso