

Do not wait for expensive breakdowns!

It does not require an expert to monitor machine vibration and find trouble spots in time.

All industrial machinery vibrates. The level of vibration is a useful guide to machine condition. Poor balance, misalignment and looseness of the structure will cause the vibration level to go up - a sure sign that maintenance is needed.

International Standards

International standards - ISO 2372, BS 4675 and others - recommend measurement of vibration severity (= velocity in mm/s RMS) as most suitable for industrial purposes. They also define limit values for common types of plant. This greatly simplifies condition assessment.

By comparing the measured vibration severity with the norm for the machine class, it is possible to judge condition in terms of good, acceptable or bad. Regular readings will also show the development trend of the vibration level and thus the urgency of the maintenance problem.

Vibrameter VIB-10

VIB-10 is a sturdy, battery powered instrument, based on ISO standards, for use by maintenance personnel without special training in vibration monitoring.

VIB-10 is very easy to use: attach the transducer to the machine, press the button. The RMS value of vibration velocity is displayed directly in large, red LED digits. Features include automatic switch-off and shock absorbing protecting sleeve of oil resistant rubber.

Vibrameter VIB-10

Display:	3 digits, red LED	Power supply:	Four 1,5 V alkaline cells (e.g. MN 1500)
Measuring range:	0.5 - 99.9 mm/s, 10 - 1000 Hz	Dimensions:	210 x 75 x 30 mm
Resolution:	0.1 mm/s	Weight:	410 g
Accuracy:	2% + 0,2 mm/s	Protective cover:	Polyurethane
		Connector-type:	TNC



Vibration Transducer TRV-12

TRV-12 is a piezo electric accelerometer - small, light and durable. It is normally attached with a magnet, which makes special preparation of the measuring point unnecessary.

TRV-12 can be mounted in a threaded hole, M8, on a smooth, flat surface on the machine. It can also be fitted into a handheld probe.

Transducer TRV-12

Nom. sensitivity:	12 pC/m/s ² ± 15%
Linear frequency range:	0 - 1000 Hz
Casing:	Stainless, acid, proof steel SS 2382/AISI 316 sealed
Dimensions:	Ø 27.5 x 45 mm
Weight:	135 g

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SPM Instrument India Pvt. Ltd.,

1st Floor, Block - B, Srinivasa Complex,
7-1-27/1, Ameerpet, Hyderabad - 500 016.
Phone: +91 40 23731264 / 0644 / 0003; Fax: +91 40 23731314
E-mail: info@spm.co.in & sales@spm.co.in