

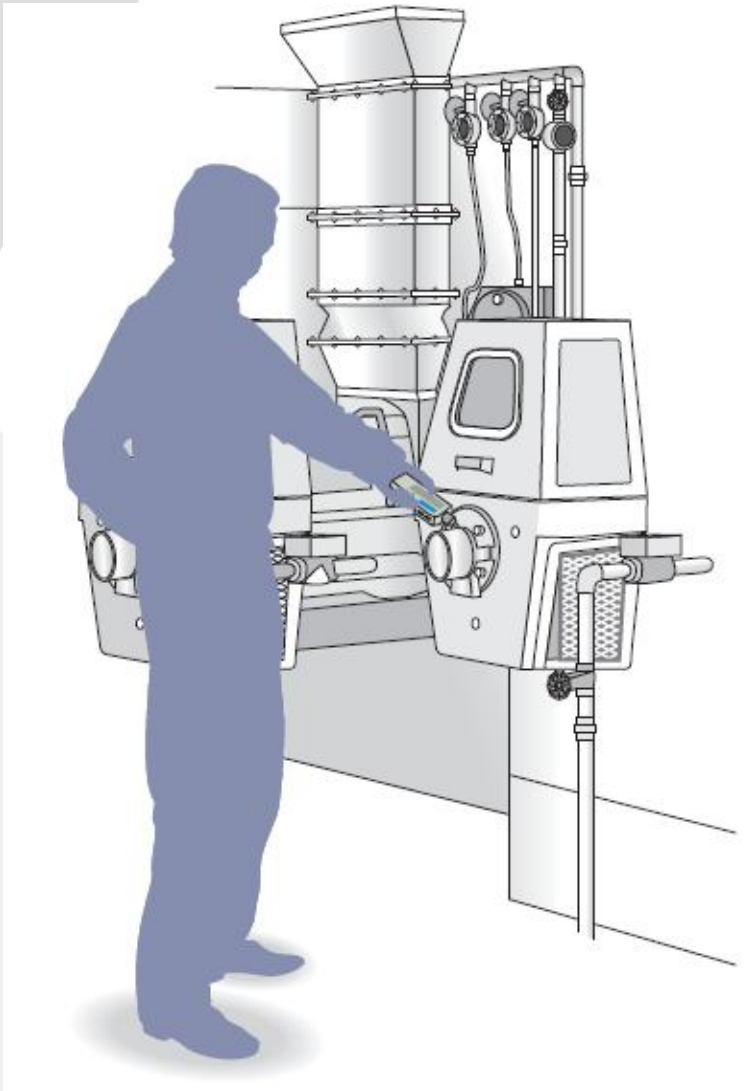
## Hemsun Analytics

C-101, Ganesh Greens  
Near Vandematram, GST Road,  
Chenpur, Ahmedabad - 382470  
Tel: +91 7383 4660 60/70  
Email: [info@hemsun.co.in](mailto:info@hemsun.co.in)



COMPLETE RANGE OF INDUSTRIAL DIGITAL VIBRATION METER INSTRUMENTS

## Digital Vibration Meter HV 2700



## Product Description

This product adopts piezoelectric effect of artificial polarized ceramic for design. It is suitable for monitoring all kinds of vibrating mechanical facility, specially the vibration measurement of rotating and reciprocating machinery. The unit can measure acceleration, velocity and displacement, which is widely used in mechanical manufacture, electric power metallurgy and general aviation etc.

## Features

- Acceleration, velocity and displacement measurement
- Different vibration frequency selection
- High sensitivity probe for accurate measurement Provides long and short probe head, each one is suitable for different situation measurement
- Equipped with AC signal output interface

## Technical Specifications

Vibration pickup	Piezoelectric ceramic accelerometer (shear-type)
Measurement range of acceleration	0.1~199.9m/s <sup>2</sup> peak
Measurement range of Velocity	0.1~199.9mm/s rms
Measurement range of displacement	0.001~1.999mm p-p Velocity and displacement range is limited by acceleration 199.9m/s <sup>2</sup>
Measurement accuracy	+5% +2digits
Measurement frequency range of acceleration	10Hz~1KHz (LO) 1KHz~15KHz(HI)
Measurement frequency range of velocity	10Hz~1KHz (LO)
Measurement frequency range of displacement	10Hz~1KHz (LO)
Displays update cycle	1 second
LCD display	3 1/2 digits display
Single output	AC output 2V peak (display full scale) Load impedance
Power supply	9V Alkaline battery
Static current	≤20 uA
Operating current	≤25 mA
Battery life	20 hours continuous use
Auto power-off	Turns off automatically in 60 seconds
LCD backlight	7 seconds
Operating temperature range	0~40°C
Operating humidity range	30~90%RH
Low battery indication	6.9V ±0.2V
Dimensions	67x30x183mm
Weight	182g (including battery)

## Accessories



- Vibration Meter
- 9 Volt Battery
- Long Probe Head
- PP packing Box
- User Manual

For Any More Query Regarding Product, please contact us or write us on [info@hemsun.co.in](mailto:info@hemsun.co.in)

The Above Specifications are standard for reference only. Product specifications and measuring ranges can be customize and supplied as per user confirmation.

Note: Specification and Features mentioned in datasheet will be change with application, Cause of Engineering Research, Design And Product Improvement; specifications are subjected to change without notice. Refer latest datasheet on website : [www.hemsun.co.in](http://www.hemsun.co.in)