

# CASELLA

# HAVex

## HAVex Vibration Meter



Make all the measurements necessary for Hand Arm Vibration risk assessment. The HAVex Tri-Axial Hand Arm Vibration Meter has been specifically designed for Hand Arm Vibration Exposure Measurements.

[www.casellasolutions.com](http://www.casellasolutions.com)

## Applications

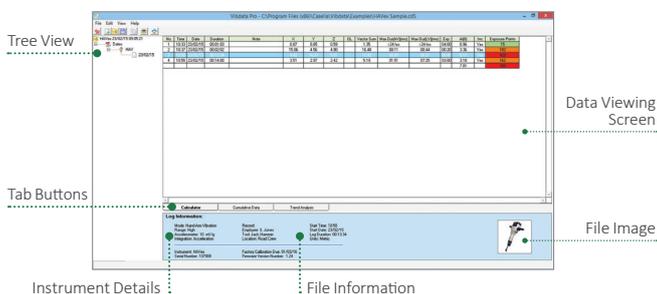
- Hand Arm Vibration Exposure Measurements
- Risk assessment
- Power tool condition and maintenance database
- ISO 5349 : 2001 Mechanical Vibration – Guidelines for Measurement
- ANSI S2.70 (2006) guide for the measurement and evaluation of human exposure to vibration transmitted to the hand

## Key Features

- Simple operation
- Robust accelerometer & cable
- Colour display
- Stores over 900 measurements
- Large measurement range
- Rechargeable battery
- Easily view, export & report data
- Supplied as a kit with everything you need to begin measuring

It's a simple to use meter that measures the levels of vibration transmitted to the hand from power tools, vehicles, machine controls and other vibration sources.

## Casella Vibdata Hand Arm Vibration Software



The HAVex meter is supplied with the Vibdata Lite software which allows you to download your measurements via USB for analysis and storage of data as required by the regulations. It is also possible to upgrade to Vibdata Pro which has the following added features:

- Exposure Calculator
- Merge/Combine Results
- Add Images
- Trend Analysis
- Add new records

### Casella UK, Bedford, United Kingdom

Tel: +44 (0) 1234 844100  
Email: info@casellasolutions.com

### Casella China, IDEAL Industries China, Shanghai, China

Tel: +86-21-31263188  
Email: info@casellasolutions.cn

### Casella Australia, IDEAL Industries (Aust) Pty Ltd, Melbourne, Australia

Tel: +61 (0)395622684  
Email: australia@casellasolutions.com

Casella reserves the right to amend the specification without notice

### Casella USA, Buffalo, USA

Tel: +1 (716) 276-3040  
Email: info-us@casellasolutions.com

### Casella India, IDEAL Industries India Pvt.Ltd, Haryana, India

Tel: +91 124 4495104  
Email: casella.sales@ideal-industries.in

## Technical Specification

|                      |   |
|----------------------|---|
| Performance:         | Conforms to ISO 8041 : 2005 Human Response to Vibration – Measuring Instrumentation                                   |
| Level Ranges:        | Low: 0.05-200m/s <sup>2</sup> , 0.005-20.4g<br>High: 0.5-2000m/s <sup>2</sup> , 0.05-204g                             |
| Parameters:          | Acceleration: Arms, Aeq, Amax, Peak, Vector Sum, Exposure Points  |
| Frequency Weighting: | W <sub>H</sub> - Hand Arm Filter  |
| Memory:              | Flash memory storing up to 992 recordings   |
| Display:             | Full colour, graphic OLED 160 x 128   |
| Batteries:           | NiMH re-chargeable (typically 10 hours continuous use)  |
| Connections:         | AC Output: 4 pole 3.5mm jack<br>Download: USB Micro B (cable incl.)<br>Recharge: DC socket (charger & cable supplied) |
| Environmental:       | Temperature: -10°C to +50°C<br>Humidity: up to 90% RH non-condensing  |



## Ordering Information

|                |   |
|----------------|---|
| <b>M104006</b> | Casella HAVex kit:<br>Comprising of: HAVex meter, HARM Tri-axial Accelerometer & Cable, Mounting Plate, Carry Case, Vibdata Lite software |
|----------------|---|

## Accessories

|                  |   |
|------------------|---|
| <b>M104009*</b>  | HARM Tri-axial Accelerometer & Cable    |
| <b>M104014**</b> | Vibdata Pro Vibration Analysis Software |
| <b>M104016*</b>  | Mounting Block                          |
| <b>M104018*</b>  | Charger Unit                            |
| <b>M104020*</b>  | USB Cable                               |

\* Supplied with the Casella HAVex as part of the kit

\*\* Upgrade from the supplied Vibdata LITE software supplied with the instrument

## Distributed By: