

Castle VEXO H Vibration Meter

Vexo (GA2006H) Hand Arm Vibration Meter

The Concept

The measurement of Hand Arm Vibration has seen rapid developments since the first ground-breaking product from Castle (The famous GA2001 HARM Meter). The Vexo is the latest in cutting-edge developments by castle in this field.

VEXO H (GA2006H)

Quick, reliable measurements are all-essential when it comes to the assessment of Hand Arm Vibration and the Vexo has been specifically designed to make the job as simple as possible. The small size, combined with a powerful processor and large memory will enable Safety Professionals to take Hand Arm Vibration to the next level.



Couldn't be Simpler!

With a large colour screen and the support of VibdataPro PC software, the Vexo H requires virtually no set-up so power it on, press record and that's it!

Just about everything from here is available to view directly on the screen without the need for scrolling and data can be reviewed directly to the screen.

Connectivity

All measured values can be saved to the internal flash memory of the Vexo for subsequent output. The results can be viewed on the instrument's own display or downloaded to Castle's VibdataPro PC software via a high speed USB connection. Software Vibdata LITE is included with each instrument!

POCKET POWER

Miniaturised Power!

The memory built into the Vexo H is large enough to never have to worry about and will store measured results safely in 'flash' format. Results can be recalled to the screen or can be downloaded for analysis on a laptop or PC

Each instrument is supplied with a comprehensive user manual in electronic format and a laminated getting started sheet.

The Vexo Range

There are 2 models in the Vexo range; the Vexo H as detailed here and the Vexo S, which is a dedicated Industrial and Environmental Vibration meter, with the distinct benefit of small size and powerful measurement capability.

Both these meters make full use of their large colour display to ensure the simplest of user interfaces and clearest presentation of results no matter the application.

Vexo H (GA2006H) - Hand Arm Vibration

- Tri-axial Hand Arm vibration Measurements
- Large Dynamic Range
- Re-chargeable Battery Pack & Charger
- Fully compliant with ISO 8041 : 2005
- Large Colour Display
- Large 'Flash' memory
- Rugged Accelerometer and Cable for industry
- Only 3 buttons for simple use

Applications

- Hand Arm Vibration to ISO 5349 : 2001

What's Supplied with the Vexo (GA2006H)

- Vexo H Instrument, Accelerometer with 1.4m Cable
- Accelerometer Mounting Block and Screw
- Rechargeable Battery Pack and Recharger
- Getting Started Laminated Sheet
- dBdata LITE software & USB Cable
- Carry Case for GA2006H and Accessories

VEXO (GA2006H) Specification

Instrument Standards:

GA2006H

ISO 8041 : 2005 Human Response to Vibration

For compliance with:

ISO 5349 : 2001 Measurement and evaluation of human exposure to hand-transmitted vibration

Level Ranges: GA2006H (Integration = Acceleration)

Range	m/s ²	g
Low	0.05 - 200.0	0.005 - 20.4
High	0.50 - 2000.0	0.50 - 204.0

Measurement Channels:

One

Parameters:

Acceleration: Arms, Aeq, Amax, Peak, Vector Sum, Exposure Points

Linear Operating range:

72 dB

Frequency Weighting:

W_H - Hand Arm Filter

Memory:

Flash memory storing up to 992 recordings

Transducer:

Castle KD1010, 10mV/g

Noise Floor:

<0.002 m/s² Low Range
<0.020 m/s² High Range

Display:

Full Colour Graphic OLED Display (160 x 128)

Batteries:

NiMH re-chargeable cell pack
Typically 10 hours continuous use

Connections:

Input: 5 Pin Lemo Socket
AC Output: 4 Pole 3.5mm Jack Socket
Download: USB Micro B (Cable Supplied)
Recharge: DC Socket (Charger & Cable Supplied)

Environmental:

Temperature Operating Range: -10 to + 50°C
Humidity: Up to 90% RH Non Condensing

Electromagnetic Compatibility:

Designed in accordance with the following Electromagnetic Compatibility Directives: -

- SI 2005/281
- 2004/108/EC

Case:

High Impact ABS plastic with tactile membrane keypad

ORDERING INFORMATION

GA2006H* - Vexo H Vibration Meter

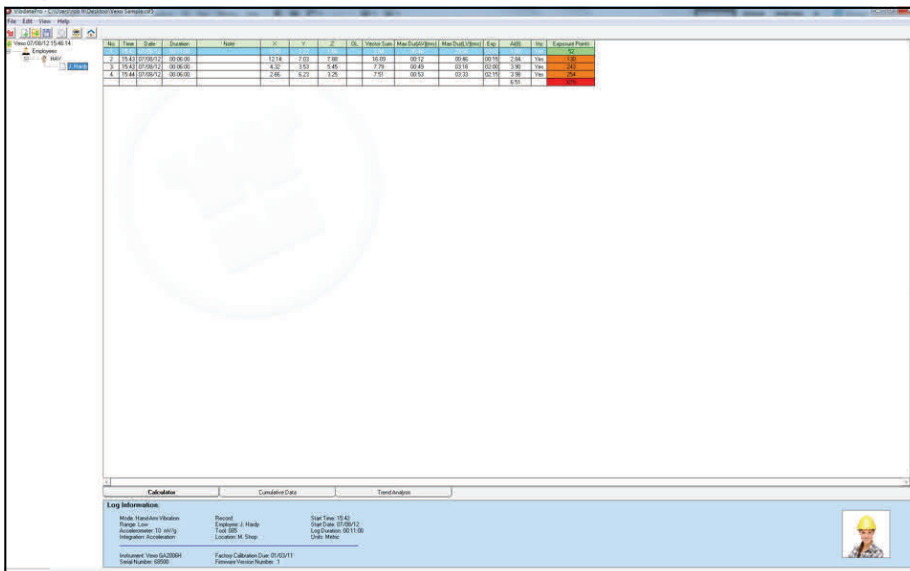
Accessories

PC009** - VibdataPro software
GA606 - Vibration Calibrator
KA021* - Carry Case
KD1010* - Tri-Axial Accelerometer 10mV/g
KD1202 - Mounting Studs (Pack of 5)
KD1215 - Glue Studs & Glue (Pack of 5)
KD1217 - Petrowax Mounting Compound
01KD1218* - Mounting Block and Screw
01VIBBATT* - 2.4V 2100mAh NiMH Battery Pack
01PSU5* - NiMH Battery Pack Recharger
01ZL1065-01 - AC Output Cable
01ZL1108-01* - USB Cable 1m

* supplied with the GA2006H

** upgrade from supplied Vibdata LITE

Image shows the software VibdataPro with hand Arm Vibration Screen.





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.