

Castle **VE XO-H+** VIBRATION METER

**Comply with the Law, Defend Claims &
Prevent Hand Arm
Vibration Syndrome...**

Vexo H Plus⁺ Vibration Meter

The Vexo H Plus⁺ is dedicated to measuring power tools and machinery for hand arm vibration exposure risk assessments.

Why Should I Measure My Tools?

If the power tools that your employees are using aren't measured, you're almost certain to lose any HAVS personal injury claim in court, even if you're enforcing usage time limits.



Prevent Unsafe Levels of Vibration Exposure

Claimed vibration levels of power tools can be found online or from the manufacturer, but these levels don't take account of a number of important factors:

- **How old the power tool is**
- **Your on-site processes**
- **Your employees**

All of the above will dramatically affect the vibration levels that your tools are emitting to your employees.

Small AND Perfectly formed!

Quick, reliable measurements are all-essential when it comes to the assessment of Hand Arm Vibration and the Vexo H Plus⁺ 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.

What's more, because the Vexo H Plus⁺ is dedicated to Hand Arm Vibration, it really couldn't be any easier to use!

Detailed Data Analysis Made Simple

All your measurements are saved on the internal flash memory of the Vexo, ready for you to download to your PC. You can take advantage of the included Vibdata Pro PC Software, which provides data analysis tools and comprehensive reporting for your risk assessments.



Features

- **Tri-axial Hand Arm Vibration Measurements**
- **Large Dynamic Range**
- **Re-chargeable Battery Pack & Charger**
- **Fully compliant with ISO 8041 : 2017**
- **Large Colour Display**
- **Large 'Flash' memory**
- **Rugged Accelerometer & Cable for industry**
- **Only 3 operational buttons for simple use**

Applications

- **Hand Arm Vibration to ISO 5349-1:2001**

What's in the Box?

- **Miniature Accelerometer with a 3m cable**
- **Accelerometer Mounting Block and Screw**
- **Charger**
- **Getting Started Guide**
- **Vibdata PRO software & USB Cable**
- **Carry Case for Vexo+ & Accessories**

**Call us NOW on
01723 584250**

or contact us by Email at enquiries@castlegroup.co.uk



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is available
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For more information visit

www.vexo.co.uk

- Full specifications
- Datasheets
- Purchasing Information



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For over 50 years, Castle Group has been at the
forefront of environmental measurement
and monitoring technology.

Whether you need to learn how to measure something,
source the right piece of equipment or have a detailed
assessment conducted for you, then we can help.

**INSTRUMENTS • RENTAL • SOFTWARE
TRAINING • CALIBRATION • CONSULTANCY
ONLINE KNOWLEDGE**



Castle Group Ltd, Salter Road,
Scarborough YO11 3UZ

www.castlegroup.co.uk

Specifications

Instrument Standards: Vexo+

ISO 8041 : 2017 Human Response to Vibration

For compliance with:

ISO 5349-1 : 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	0.0051 - 20.4
High	0.50 - 2000	0.051 - 204.0

Measurement Channels: One

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

Linear Operating range: 72 dB

Frequency Weighting: WH - Hand Arm Filter

Memory: Flash memory storing
over 1000 recordings

Transducer: Castle KD1015, 10mV/g

Noise Floor: <0.02 m/s² Low Range
<0.1 m/s² High Range

Display: Full Colour Graphic
OLED Display (160 x 128)

Batteries: NiMH re-chargeable cell pack
Typically 8 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

Temp. Operating Range: -10 to + 50°C

Humidity: Up to 90% RH Non Condensing

Electromagnetic Compatibility

Designed in accordance with the following

Electromagnetic Compatibility Directives: -

● EN 61326-1: 2013

● 2004/108/EC

Case

High Impact ABS plastic with tactile membrane keypad

Ordering Information

GA2006H+ Vexo H Plus Vibration Meter

Accessories

PC009	VibdataPro software
GA606	Vibration Calibrator
KA010V	Carry Case
KD1015	Tri-axial accelerometer 10mv/g
ZL1099C-03	3m accelerometer cable
KD1215	Glue Studs & Glue (Pack of 5)
KD1220	Mounting block and screw
01VIBBATT	2.4V NiMH Battery Pack
01PSU5	NiMH Battery Pack Recharger
01ZL1065-01	AC Output Cable 1m
01ZL1108-01	USB Cable 1m