

NEW!

VIBA 8

VIBRATION METER

The All New VibA(8) from Castle Group Ltd takes Hand Arm & Whole Body Vibration Measurement to a new level!

Ultra-simple to use and dedicated to compliance with the Control of Vibration at Work Regulations 2005, the VibA(8) delivers the ultimate practical solution to quantifying the vibration level of your tools on your site!

Why would you buy anything else!

- Ultra-simple to use
- Choice of Sensors for Your Application (with Auto Detection)
- Dedicated to Hand Arm & Whole-Body Vibration Measurement
- Add sensors at any time
- Fully compliant with BS8041 and the Control of Vibration at Work Regulations 2005
- Clear Results in m/s^2 , Points and Maximum Exposure Allowed
- Large Memory & Software for Data Analysis



VibA(8)
with seat
accelerometer



Technical Specifications



Instrument Standards:

ISO 8041: 2017 Human Response to Vibration

For compliance with:

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

ISO 2631:2018 Mechanical vibration and shock -- Evaluation of human exposure to whole-body vibration

ISO 2631:2018 Mechanical vibration and shock -- Evaluation of human exposure to whole-body vibration

Level Ranges: HAV 1mv/g

Range Name	m/s ²	g	ft/s ²
Low	0.20 - 2000	0.02 - 200	0.656 - 6560
High	1.00 - 10000	0.1 - 1000	3.28 - 32800
dB Span	80	80	80

Level Ranges: HAV 10mv/g

Range Name	m/s ²	g	ft/s ²
Low	0.10 - 1000	0.01 - 100	0.328 - 3280
High	0.50 - 5000	0.05 - 500	1.64 - 16400
dB Span	80	80	80

Level Ranges: HAV 100mv/g

Range Name	m/s ²	g	ft/s ²
Low	0.01 - 100	0.001 - 10	0.0328 - 328
High	0.050 - 500	0.005 - 50	0.164 - 1640
dB Span	80	80	80

Level Ranges: HAV 1000mv/g

Range Name	m/s ²	g	ft/s ²
Single Range	0.01 - 35	0.001 - 3.5	0.0328 - 115
dB Span	70.88	70.88	70.89

Measurement Channels: Three: Simultaneous X, Y, Z

Parameters:

Acceleration: Arms, Aeq, Amax, Peak, Vector Sum, Dominant Axis, HSE Exposure Points, EAV and ELV

Linear Operating range: 80 dB

Frequency Weighting:

Wh - Hand Arm Filter
Wd & Wk - Whole Body Vibration

Memory: Flash memory **storing over 2000 recordings**

Transducers:

Standard HAV Sensor (KD1012)

Premium HAV Sensor (KD1006)

Whole Body MEMS Seatpad (KD1013) & Cable

Premium Seatpad (KD1014) & Cable

Noise Floor:

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

Display:

Full Colour Graphic OLED Display (160 x 128)

Batteries:

4 x AA Cells, Typically 12 hours continuous use

Connections:

Input: 7 Pin Lemo Socket

Download: USB Micro B (Cable Supplied)

Languages:

English UK, English US, Chinese, French, German, Italian, Portuguese Brazilian, Russian, Spanish

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

GA2009 VibA8 Vibration Meter

Accessories

PC009** Vibdata Pro software

GA606 Vibration Calibrator

KA021 Carry Case

KD1202 Mounting Studs (Pack of 5)

KD1215 Glue Studs & Glue (Pack of 5)

KD1217 Petrowax Mounting Compound

01KD1218* Mounting Block and Screw

01ZL1065-01 AC Output Cable 1m

01ZL1108-01* USB Cable 1m

** upgrade from supplied Vibdata LITE