

- Handheld Vibration Calibrator
- Battery powered, low power indicator
- Amplitude 1grms  $\pm 3\%$
- Fixed frequency 159.2Hz  $\pm 0.5\%$
- M5 mounting thread
- Carry case included
- Range of mounting adaptors available

The VTCAL1 is a handheld battery powered calibrator for the field testing of accelerometers and vibration sensors.

Operating at a fixed frequency and amplitude it enables engineers to ensure the correct sensitivity and operation of sensors and cable connections prior to testing.

Batteries required: x1 PP3 (9VDC)  
Please be aware batteries do not come supplied with these units.  
Please enquire for the mounting studs available



VTCAL1	Metric	Imperial
Acceleration Amplitude (RMS)	9.81m/s <sup>2</sup> $\pm 3\%$	1g $\pm 3\%$
Vibration Frequency	159.2Hz $\pm 0.5\%$	
Output Waveform	Sine	
Waveform distortion	$\leq 5\%$	
Maximum Load	120gm	4.23oz
Working Temperature	0 to +55°C	32 to 131°F
Storage Temperature	-45 to +85°C	-49 to 185°F
Maximum Humidity %RH	95	
Weight approx.	500gm	17.64oz
Mounting	M5 tapped hole (variety of studs available)	
Case Material	Aluminium	
Dimensions	Ø52mm x 148mm (H)	Ø2.05in x 5.83in (H)
Auto Shutdown	50 seconds	
Power indicator	Normal: Green Low Battery: Orange	

Due to continued product development Kemo Limited reserve the right to change specification without notice.

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