



# C-Cubed

## Vib Meter 320

Number Nine • Ardglan Industrial Estate • Whitchurch • Hampshire • RG28 7BB • United Kingdom

# Vibration analysis at the push of a button



**Analyses AND Interprets readings...**

**Incredible performance at an *unbelievably* low price**

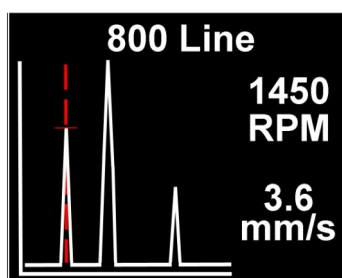
**Easy to use low cost condition based maintenance tools -  
Now there's simply no excuse!**

# Vib Meter 320

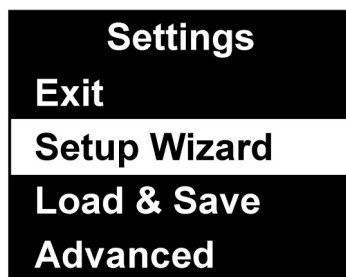
## Specifications

**Vib Meter 320 is a simple to use, low cost vibration meter that records, analyses and displays vibration signals at the push of a button.**

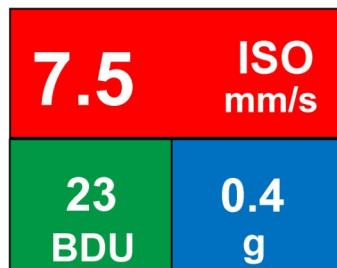
Overall vibration values are displayed with **colour coded alarm levels** for ISO values and bearing condition.



The fully dynamic cursor displays frequency and amplitude values. Colour coded frequency band alarms based on run speed can be displayed to diagnose machine faults such as **balance, alignment and looseness**.



It really couldn't be any easier to use!  
Just 2 buttons - take reading ☐ and menu ☐  
Plus left and right scroll arrows.



The Vib Meter 320 represents the very latest in technology with up to **800 lines of FFT resolution** and fully zoom-able vibration spectrum display.



Readings are easily saved and recalled with all alarm levels and settings stored in non-volatile flash memory. Run speed and machine type are entered with the simple to use **Setup Wizard**.

Size	200 mm x 60mm x 26mm
Weight	280g (not including magnet)
Environmental	
Water, Sand & Dust:	IP67 Waterproof
Operating:	0°C to 50°C
Storage:	-20°C to 70°C
Power supply	2 x AA batteries
Battery life	Auto power OFF - typically 50 hours operating time depending on brightness setting.
Frequency range	2 Hz to 1 kHz (ISO) 2 kHz to 15 kHz (BDU)
Max frequency resolution	1.25 Hz @ 800 lines FFT setting
Displayed Vibration Amplitude Units	Acceleration in g Velocity in mm/s (or inches/s) Bearing noise in BDU (bearing damage units)
Displayed Frequency Units	Hertz (Hz), RPM or CPM
Input range	+/- 50g
Dynamic range	72 dB (0.05g resolution)
VA diagnostic bands (RPM = run speed)	Unbalance 1x RPM Alignment 2x RPM Looseness 3x RPM
Accessories	<ul style="list-style-type: none"><li>• Screw in probe tip (1/4" UNF 28)</li><li>• Nylon carrying case</li></ul>
Options	<ul style="list-style-type: none"><li>• Accelerometer mounting magnet</li><li>• Extended probe tip (stinger)</li></ul>

Your local distributor:

**The Vib Meter 320 is the latest in a line of easy to use high specification maintenance products and perfectly complements C-Cubed's family of condition based monitoring and inspection systems, offering high level functionality and capability at extremely low cost.**