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Maintenance Engineers to Benefit from New Vibration Meter

Monitran's new hand-held meter, the MTN/VM220, is ideal for detecting the early signs of component wear or failure in pumps, motors, gearboxes and other mechanical assemblies.

Southern Manufacturing & Electronics, Farnborough, United Kingdom – Monitran, a leader in the development and manufacture of transducers for the measurement of vibration, proximity and displacement, has launched the MTN/VM220; a compact, handheld meter for measuring vibration levels.

The MTN/VM220 conforms to ISO10816-3 and has been developed for detecting signs of component wear in machinery, motors, gearboxes, pumps and other mechanical assemblies. The meter features a colour LCD display and has the ability to store up to 100 readings of acceleration, velocity or displacement against a real-time clock.

Measuring just 122 x 78 x 28mm, the MTN/VM220 has an easy-to-grip industrial rubberised case and rechargeable battery. It is supplied with a probe into which is integrated a general purpose sensor, the MTN/2200, which has a default sensitivity of 100mV/g. Also included are a magnetic base and spike (for use with the probe), a coiled cable (0.5m nominal to 2m extended) with a 4-pin Lumberg connector at each end, and a universal (battery) charger; all in a foam-lined and durable carry case.

Andy Anthony, Monitran's Managing Director, comments: "We're extremely pleased with the look, feel and performance of our new vibration meter. During its development our engineers and sales professionals worked closely together to ensure the VM220 would incorporate the latest technologies to deliver practical and useful features. Also, having hinted late last year that the meter would be launched at Southern Manufacturing & Electronics, 2013 we received several early enquiries and advance orders from customers in the UK and abroad."

The MTN/VM220 is available immediately.

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About Monitran

Established in 1986 and based near High Wycombe in the UK, Monitran is a world leader in the development and manufacture of sensors and systems for vibration and displacement measurement. The company has the widest range of standard vibration and displacement products available from any single supplier and has an impressive track record of customising products for bespoke applications.

With full ISO 9001:2008 approval, Monitran's products are used for monitoring vibrations in machinery such as pumps, motors, engines and drive trains as well as in a diverse range of applications including automotive, aerospace, industrial processing, power stations and wind turbines. Indeed, the products are at home in any application where vibrations or displacements provide early indications of mechanical wear or that a structure's integrity has been compromised. They are also used in other vibration related applications, such as R&D, structural testing, equipment qualification testing and calibration. For more information please visit www.monitran.com

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