

# New Intellinova system on show at Maintec

*A new addition to SPM Instrument's Intellinova suite of systems for continuous monitoring of rotating machinery, the high-performance online system Intellinova Parallel EN is its most advanced.*

Parallel and synchronous measurement on up to 16 independent channels

HD technology – next generation condition monitoring providing extremely long prewarning times

Perfect where measurement is time-critical due to short process cycles

Live view of operating status

Robust design for demanding industrial environments

**INTELLINOVA**  
parallel EN

High-performance online system

A highly sophisticated technology solution suitable for most industrial equipment, It is particularly well suited for applications where a critical success factor is the capacity to complete the required measurement within a very limited time-frame, e.g. due to short process cycles.

With parallel and synchronous measurement capability on up to 16 channels, Intellinova Parallel EN is suitable for applications like rolling mills, railcar dumpers, press nips or winders, as well as lifting and hoisting equipment such as cranes or drop sections.

Thanks to its parallel-processing capability, relevant events are captured without delay, making the system a highly efficient solution where machine fault development times may be short.

Designed to manage demanding industrial environments and complex operating conditions, SPM says the system takes advantage of the latest in digital technology for supreme computing power, superior signal processing, and optimal data management.

Intellinova Parallel EN implements sophisticated and efficient technologies for monitoring vibration, gear and bearing condition, and lubrication, including HD ENV and SPM HD. These technologies capture the very earliest signs of gear and bearing damage - well in time to optimise maintenance plans.

Sixteen synchronous channels for vibration and/or shock pulse measurement and eight RPM channels can be used for data acquisition on machinery in a very wide range of operating speeds (from below 0.1 RPM), with complex drives, or with variable operating conditions. Digital, analog, and RPM inputs can be used for event-triggered measurements, while the four status outputs can be set up to handle alarm indication. Wireless solutions are available.

This powerful online system offers a wide variety of highly effective functions to ensure that readings and alarms are relevant and accurate, thus facilitating confident assessment on machine condition. Continuous event capturing through seamless measurement and idle time measurement are powerful features which can be used to ensure that system capacity is fully utilised, while also making sure that no critical events go undetected.

SPM Instrument UK will be exhibiting at this year's Maintec exhibition: Stand  
65 [www.spminstrument.co.uk](http://www.spminstrument.co.uk).

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