

Compact online system for Ex environments

Intellinova Compact Ex is the latest addition to the Intellinova product line for online condition monitoring of rotating machinery from SPM Instrument, Sweden – a leading provider of condition monitoring technology and products.

An Ex approved version now joins the Intellinova range of online systems. Intellinova Compact Ex is a high performance online condition monitoring system, suited for safe remote monitoring of industrial environments with measuring points in hazardous areas, such as oil and gas, offshore, petrochemical, mining and the sugar industries, where it is a suitable solution for condition monitoring on pumps, fans, gearboxes or winches.

Complete with power supply, cable glands and Ex interfaces in an Ex nR enclosure, the unit is intended for mounting in Ex Zone 2, for measurement on transducers located in Zones 0, 1 or 2.

This system for Ex environments offers the strongest combination of measuring techniques available. Vibration measurement (DC to 40 kHz) with HD Order Tracking and sophisticated analysis, and the SPM HD technique for condition monitoring of rolling element bearings in the 0.1-20,000 RPM range provides maximum flexibility for detection of machine problems. The system also handles user defined measurements via analog inputs and OPC, e.g. pressure, flow, load, etc.

Intellinova Compact Ex is fully compatible with all other Intellinova versions. It can be run as standalone units or in an integrated system where the individual units communicate with a single shared database in a standard Ethernet network. Small units mounted close to the monitored machines offers scalability and enables optimal cost efficiency per measuring channel.

It is available in four versions, each with a fixed channel configuration for shock pulse and/or vibration measurement. All come with multiple rpm and analog inputs as well as status outputs.

For further information please visit: www.spminstrument.co.uk