

ADVANCED MEASUREMENT TECHNOLOGY IN A SMALL, HIGH-PERFORMANCE PACKAGE

Intellinova Parallel MB is a small and robust condition monitoring unit for parallel measurement on four channels, providing instant condition evaluation.

High-performance characteristics

Intellinova Parallel MB delivers advanced vibration analysis and shock pulse monitoring in a small, high-performance package. Careful hardware design and component selection ensures exceptional response time and high-efficiency data acquisition, making the system well suited for a wide variety of industrial applications. Intellinova Parallel MB boasts advanced and flexible alarm features, enabling immediate and reliable notice of changes in machine operating condition.

With online or offline capabilities, this compact-size unit supports all vibration and shock pulse techniques, including the HD condition monitoring technologies **HD ENV**® and **SPM HD**® for superior vibration, lubrication and shock pulse monitoring. Run as an offline unit, Intellinova Parallel MB can be connected for example to an alarm light, siren, circuit breaker or other external device, alerting for fault symptoms such as gear and bearing faults, unbalance, poor lubrication etc.

Intellinova Parallel MB is easily integrated into existing industrial automation systems via the widely supported Modbus RTU protocol, thus enabling troublefree communication of measuring results to PLCs, SCADA or other process control systems.

Easy configuration

The unit is easy to configure, using rotary switches on the front panel. In off-line mode, the appropriate settings are selected from a large number of predefined setups stored in an internal configuration file. When operating online, the measurement setup is configured via the Modbus master. To ensure that no critical events go unnoticed, the unit can be set up to repeat its configured measurements as often as possible.



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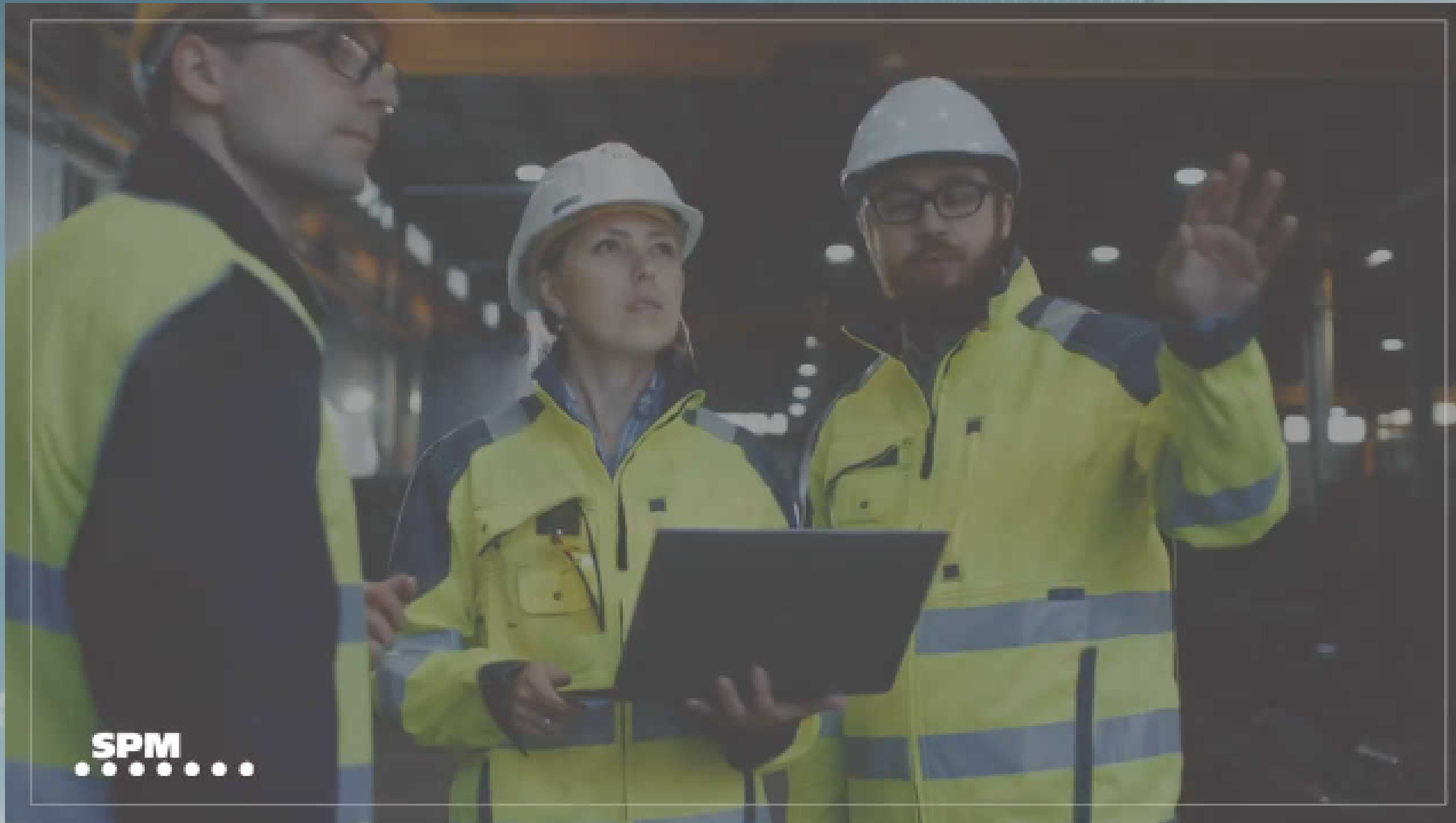


IT DOESN'T HAVE TO BE COMPLICATED

To further simplify measurement configuration and alarm management, Intellinova Parallel MB is available with a touchscreen HMI display. The HMI solution makes advanced measurement technology accessible through a user-friendly and simple graphical interface. Without the need for database management and expertise, Intellinova Parallel MB is an "out-of-the-box" solution with ample customization possibilities, requiring minimal user training.

Suitable measurement configurations for condition monitoring of typical machine combinations – such as motor/pump or fan/motor – are pre-programmed. The system utilizes reliable and proven measurement techniques for condition monitoring of gears and bearings as well as lubrication condition. Providing outstandingly clear measuring results and exceptional early warning, the HD condition monitoring technologies enable optimization of maintenance plans.

Are you interested of knowing more? Click on the image below and see how easy it is to use Intellinova Parallel MB with HMI.



TYPICAL APPLICATIONS



INTELLINOVA
parallel MB