



**Improve Your Business Performance
with Experion MX**



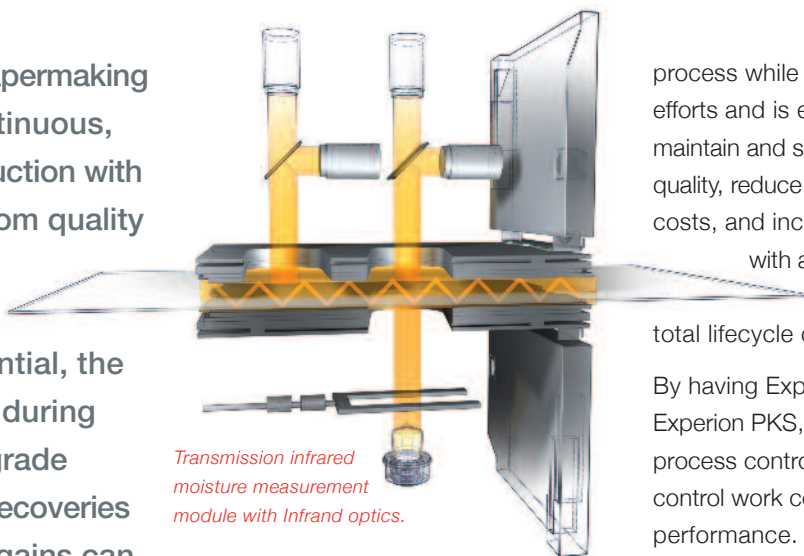
An Innovation in Papermaking



Profitable papermaking means continuous, stable production with minimal deviations from quality specifications. While steady state control performance is essential, the elimination of waste during transitions such as grade changes and break recoveries is where the greatest gains can be achieved.

As production rates rise, often stretching the design capacity of the paper machine, Honeywell's Quality Control System (QCS) allows you to improve production efficiency and quality.

Honeywell's newest innovation in QCS is Experion® MX, integrated with Honeywell's Experion Process Knowledge System (PKS).



Transmission infrared moisture measurement module with Infrand optics.

This solution offers fast scanning and processing speeds, with superior measurement technology, high resolution cross-direction profile control with a full offering of intelligent actuators, and the industry's most comprehensive suite of quality control applications.

Experion MX builds on Honeywell's 40 years of experience in leading QCS technology and performance. This solution is an integrated quality control and process knowledge system which provides superior visibility into the papermaking

process while it simplifies operational efforts and is easy and cost effective to maintain and service. Improve paper quality, reduce service and maintenance costs, and increase production efficiency with a package of solutions that provides the lowest total lifecycle cost available.

By having Experion MX integrated with Experion PKS, production, quality and process control, machine logic and drive control work cooperatively to maximize performance. In addition, Experion enhances safety, environmental compliance, energy efficiency, cyber and physical security, as well as asset and lifecycle management. Integrating these systems ensures that better and more focused information gets to key decision makers. Having these systems integrated assures more efficient process design and execution, better system operation and higher quality service.

Honeywell Portfolio of Pulp and Paper Solutions

Experion MX

Modular measurement platform

- Scanner
- Measurement for every need

Multivariable control for every sensor and actuator

- Machine direction (MD)
- Grade and shade change (MD)
- Cross direction (CD)
- Multi profile – multi actuator optimizing (CD)

CD actuators for closing CD loops

New digital distributed web monitoring

Integrated web inspection

Integrated condition monitoring

New operator interface (HMI)



Integrated within Experion PKS

- Experion MX
- Distributed control of pulping and papermaking process
- Advanced control and optimization in the pulp mill
- Safety systems
- Physical and cyber security
- Asset management
- Lifecycle management
- Business applications



The Experion MX scanner has been re-engineered to meet the changing needs of production and maintenance departments.

Easy to Service and Maintain

The modular structure of the scanner and sensors makes maintenance easy and reduces spare parts inventory, reducing the cost for both. It also makes upgrading or changing measurements easy and affordable.

The highly reliable equipment, coupled with built-in diagnostic functions, requires less maintenance, service and on-site expertise to keep the system functioning at top performance. System diagnostic tools guide a service person right to the source of the problem so a resolution can be accomplished quickly and easily.

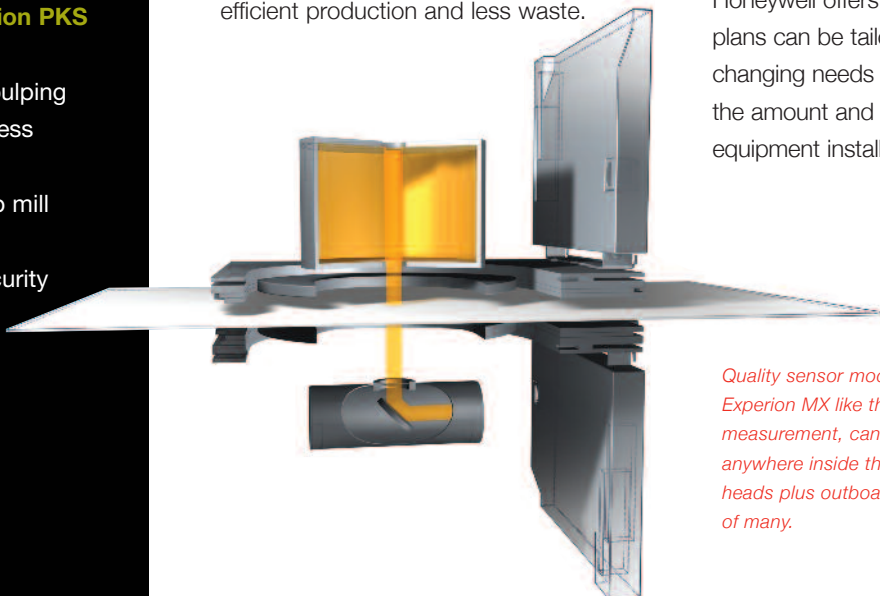
Maintenance planning tools reduce unplanned shutdowns and enable labor and parts to be forecasted, significantly reducing costs for both.

Honeywell offers flexible service options so plans can be tailored to the specific and changing needs of the site, independent of the amount and type of Honeywell equipment installed.

Easy to Operate

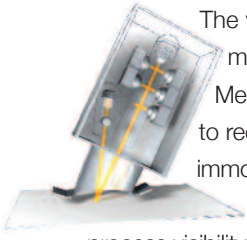
Experion MX is fully integrated with the Experion architecture reducing training requirements and providing easy access to operational functionality from mill-wide production planning to individual machine logic functions all in one platform. It is easy to create and configure unique supervisory and loop-level controls, and expand functionality in the future with new sensors, actuators and DCS functionality.

Integrated process performance analysis like web inspection, web monitoring and condition monitoring, together with measured quality data, easily track the root cause of breaks, defects and process variability so they can be rectified for more efficient production and less waste.



Quality sensor modules for Experion MX like this ash measurement, can be located anywhere inside the measuring heads plus outboard mounting of many.

Superior Process Visibility and Quality Control



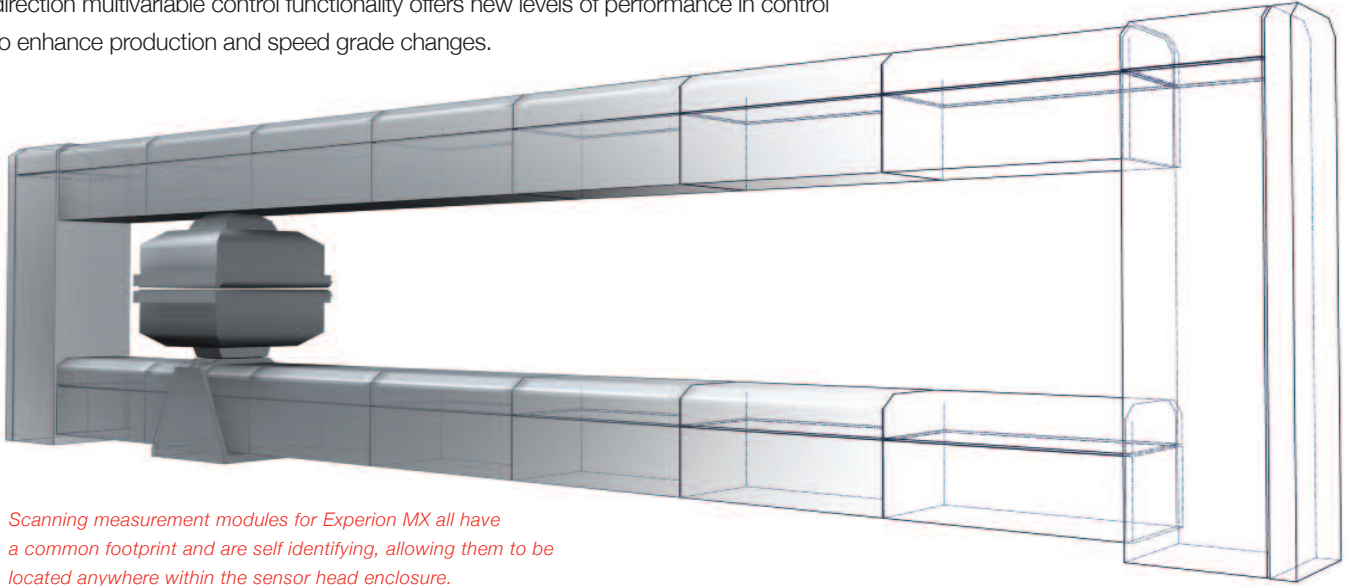
The vast array of Experion MX sensors addresses virtually every online measurement need in paper, board, tissue and specialty paper.

Measurements provide information throughout the process, from the wire to reel. The newest offerings include press section dry content, coating immobilization point, strength and imaging camera sensors for formation fiber orientation and surface topography. All this provides outstanding

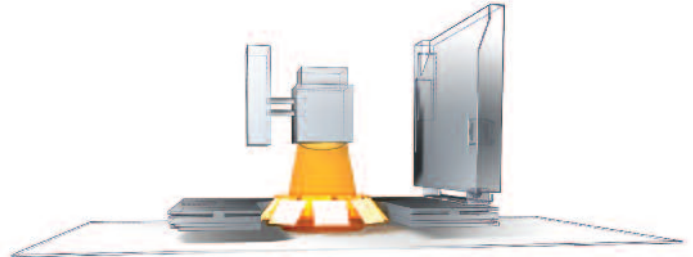
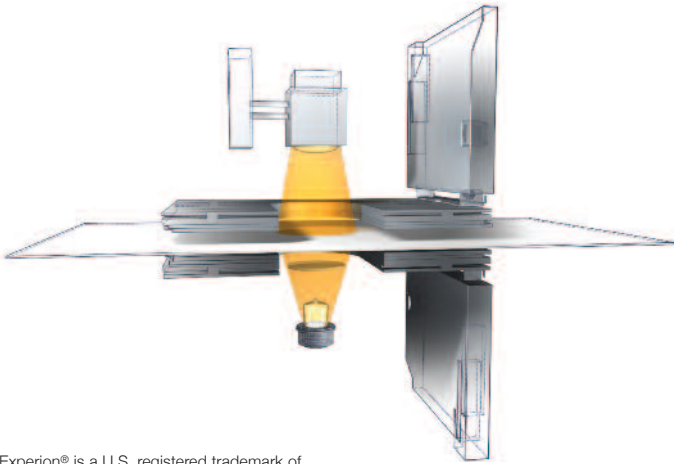
process visibility and controllability. Combining this superior visibility with new machine direction multivariable control functionality offers new levels of performance in control to enhance production and speed grade changes.

Lowest Total Cost of Ownership

The enhanced features of Experion MX enable superior performance while simplifying system operation, maintenance and serviceability, contributing to the overall lowest cost of ownership for QCS functionality on any paper, board, tissue and specialty process.



Scanning measurement modules for Experion MX all have a common footprint and are self identifying, allowing them to be located anywhere within the sensor head enclosure.



Experion® is a U.S. registered trademark of Honeywell International Inc.

For More Information

To learn more about Experion MX, visit www.ExperionMX.com or contact your Honeywell account manager.

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