

Press Release

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Process Sensors Corporation[®], Sensortech Systems, Inc. and Sightline Process Control, Inc. to showcase analytical and quality control solutions at Pack Expo Las Vegas

Las Vegas, NV (September 23, 2019) – Process Sensors Corporation[®] (PSC), Sightline Process Control, Inc. and Sensortech Systems, Inc. – all KPM Analytics companies – will present their advanced analyzer solutions for converting, packaging and food applications at Pack Expo Las Vegas (PELV) 2019, booths #7928 and #7738 at the Las Vegas Convention Center. Used to improve product quality and optimize processing efficiency, these solutions help companies reduce costs and increase output.

PROCESS SENSORS

With decades of application expertise helping customers optimize their production processes, PSC will be highlighting the [Guardian-HD Web Profiling System](#) with new data logging and archiving features in booth #7928. The Guardian-HD System provides a complete web profile for moisture and coat weight, automatically detecting web edges and lanes, which improves web control capabilities when compared to static NIR sensors. The Guardian-HD System can also identify out-of-spec product in jumbo rolls based on time and length position.

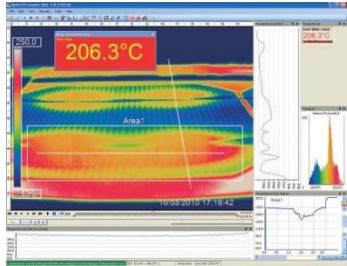


For process optimization, the Guardian-HD measures coatings on the wet or dry end, or it can be employed to measure dryer exit moisture and the re-moisturizing operation, providing ultimate flexibility. It features a robust design and enclosed frame construction for measurements across wider width webs in harsh environments. All systems feature analog outputs and digital communications such as Ethernet, Ethernet IP, OPC Kepware, Modbus, and DeviceNet. Alarm alerts can be logged and mapped for jumbo rolls.

Also highlighted in booth #7928 will be the in-process [MCT469-SF food grade moisture and oil sensor](#) which features a rugged IP69-rated enclosure to withstand complete washdowns for years of reliable operation. Used for quality control in demanding food processing applications, the MCT469-SF can improve product consistency, help maintain brand integrity, archive data and reduce costs with rapid, continuous moisture and oil measurements.



For both food and converting applications, the [QuikCheck At-line and Lab Analyzer](#) provides fast sample turnaround and reliable moisture, oil and coat weight measurements of grab samples, increasing production efficiency and quality.



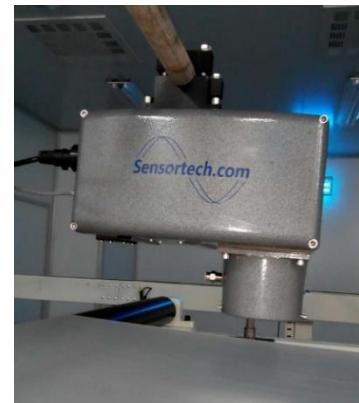
PSC's [Surveyor Non-contact Thermal Imaging Cameras](#) and temperature sensors are also available for quality and process control. Thermal Imaging and temperature measurement can be important in determining dryer/baking characteristics across the food web for biscuits, crackers and other products correlating to the dryer temperature gradient across the belt.

SENSORTECH

Sensortech Systems, a global leader in NIR and RF industrial moisture measurement technologies, will exhibit the [ST-3300 Smart RF Moisture Sensor](#) at booth #7738. As a five-time PackExpo veteran, Sensortech is pleased to show their patented dielectric analyzer, calibrated to measure moisture at the crucial dry-end of cardboard production. Available in widths ranging from 12 to 96 inches, the ST-3300 can accommodate all web/roll sizes.

The robust Open-Frame antenna can withstand temperatures up to 1000° Fahrenheit and is ideally suited for paper mills' harsh and humid environments. It is non-contact and non-destructive, so the process is never impeded, nor is product ever compromised. As the product passes over the antenna, the system measures moisture content then instantly transmits values to a remote HMI display or plant control system. The ST-3300 Smart RF Moisture Sensor allows plant operations foresight and determination of optimal processing conditions improving dryer efficiency and ensuring consistent end-product quality.

Also presented in booth #7738 is the [NIR-6600 Coat & Basis Weight Moisture Analyzer](#) which provides online, real-time analysis of three key constituents in paper processing: coating thickness, basis weight, and moisture. The NIR-6600 offers a nimble, easy-to-install solution to monitor moisture and maintain tight control of energy-intensive drying systems. Tailored for a wide variety of applications, the NIR-6600 is also well suited for narrow adhesive and label manufacturing. With these simultaneous measurements, plant managers can improve final paper quality, increase production rate, and reduce waste and energy consumption.



SIGHTLINE

Featured at Pack Expo booth #7928, Sightline's turn-key, portable Benchtop system measures critical size, shape and color attributes of virtually any product to provide real-time data to help ensure that product quality is always maintained. This data can also be used to better control the production process, eliminating guesswork and equipping operators with quantitative feedback for immediate process settings and adjustments.



Virtually any food product can be measured using Sightline's 2D/3D/color imaging technology, either directly during the production process (Over-Line / In-Line) or using a Benchtop Inspection System (Off-Line) and analyzed by Sightline's robust Measura™ inspection and analytics software.

To learn more about the KPM Analytics companies, visit www.processsensors.com, www.sensortech.com, www.spc.ca, and www.kpmanalytics.com.

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About Process Sensors Corporation[®] (PSC)

PSC's instrumentation provides accurate and reliable moisture and temperature measurement for quality control of manufacturing processes such as food, wood and paper products, tobacco as well as pharmaceuticals and plastics. An industry leading supplier of NIR and IR technology, PSC is in Milford, MA, USA with sales offices in Franklin Lakes, NJ, USA; Corby, UK; and Warsaw, Poland. To learn more, visit www.processsensors.com.



All KPM Analytics companies

About Sensortech Systems Inc.

Sensortech Systems Inc. is an innovator and manufacturer of online measurement and process control instruments with expertise in NIR and RF technologies. Located in southern California, USA with a global sales & support network, Sensortech instruments provide a variety of industries with productivity enhancing benefits that yield waste reduction, energy conservation, and quality assurance.

www.sensortech.com

About Sightline Process Control

Headquartered in Ottawa, Ontario, Canada with sales and service in Europe, Sightline specializes in 3D color vision technology used in inspection systems and automation solutions for process control. Sightline's expertise in imaging techniques improves product quality, increases line productivity and reduces operating costs for food customers such as bakery, snack food, meat & poultry plus many others. www.spc.ca

About KPM Analytics

The operating companies that make up KPM Analytics have come together because of their industry-leading application expertise in the food, agriculture and environmental sectors. AMS Alliance, CHOPIN Technologies, Process Sensors Corporation, Unity Scientific, and most recently, Sensortech Systems Inc. & Sightline Process Control, Inc. are all recognized for deep application knowledge and superior support. The companies now stand as a strategic group with a common passion for providing solutions and solving our customer's most challenging problems. Through this united approach, our customers big and small will be better served with a broader, more robust scientific instrumentation offering supported by a global network. Visit www.kpmanalytics.com to learn more.

