



All KPM companies

Press Release

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Unity Scientific, Process Sensors, CHOPIN Technologies and AMS Alliance showcases advanced analyzer solutions for food applications at Anuga Foodtec 2018

Cologne, Germany, (March 20, 2018) – Unity Scientific, Process Sensors, CHOPIN Technologies and AMS Alliance all KPM Analytics companies, will present their advanced analyzer solutions for food, environmental and agricultural applications at Anuga Foodtec 2018, Hall 5.2 Booth A- 010 in Cologne, Germany, March 20th – March 23rd. Used for process and quality control in dairy, beverage, cereal, snack & baked goods, milling, and other food processing applications, the solutions can monitor and improve product quality, help maintain brand integrity, archive data, and reduce costs.

Unity Scientific will be demonstrating the SpectraStar XT Analyzer. With the best performance in the industry, the XT is a robust, easy-to-use NIR analyzer for both laboratory and at-line environments in the food, agricultural and ingredient markets. The XT includes patented TRUE ALIGNMENT® Spectroscopy technology which automatically aligns the instrument to reference standards keeping it in peak accuracy.

The SpectraStar XT produces accurate, repeatable results in 30 seconds, measuring moisture, fat, protein, total sugar and other properties from samples at any stage of the process. The XT is available in ready-to-use analyzer packages for many applications, pre-configured with robust calibrations and sample handling accessories for plug and play operation. All SpectraStar XTs are manufactured at Unity Scientific's global headquarters in Milford, MA USA.

Unity was recently awarded a runner's up finish in the Manufacturing Innovation category of the 2017 Manufacturer's Leaders Award. Recognized for innovative 3D printing techniques in the SpectraStar manufacturing process, the competition included global industry leaders such as Thermo Fisher Scientific, Celestica, IBM and Stanley Black & Decker. For more information, please see <https://www.manufacturingleaders.com/awards-ceremony/>.



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Process Sensors Corporation (PSC) will feature the MCT466-SF, an on-line NIR analyzer for measuring moisture and fat or protein, with a stainless-steel housing designed for the demanding environments of food processing facilities. The MCT466-SF is suitable for wash down conditions and can withstand ambient temperatures up to 80°C. An optional stack alarm enables users to detect out-of-spec product and make immediate adjustments to reduce waste.

PSC will also demonstrate the MCT466-QuikCheck laboratory and at-line analyzer for immediate measurement of moisture and fat/oil in grab samples. The QuikCheck stores up to 100 unique product calibrations, offering users the ability to quickly test samples from multiple processing lines within minutes.

CHOPIN Technologies will be showcasing their Mixolab 2 analyzer, which determines the characteristics of dough – as well as the quality of starch and protein – during mixing. The Mixolab 2 provides millers and bakers with rapid information relating to starch quality and the conformity of flours, enabling consistent quality production. The CHOPIN Mixolab 2 is also ideal for the development of high-quality gluten-free products. Measuring the rheological behavior during mixing, baking, and proofing, the Mixolab 2 enables the selection of the best raw materials and ingredients to optimize wheat-based and gluten-free product production.

AMS Alliance will be presenting two recent innovations:

1) **iCinac Wireless**: Developed for dairy industries to monitor the acidifying activity of lactic ferments by **continuous pH observation**. This new, low cost wireless solution requires no data cables making it easy to deploy and scale. The flexible, modular & moveable system simplifies measurements using multi-parameter digital probes that simultaneously measure the pH, temperature and Redox potential of a sample on the same channel. Data is analyzed in real time by software installed on the customer's computer.

2) **Futura 3 CFA analyzer: advanced technology for automated analyses**. The Futura 3 is a new Continuous Flow Analyzer (UV-Vis spectrometer) which can simultaneously run multiple parameters on up to 16 parallel channels. The Futura 3 offers fully integrated automation technology, modularity, and a new analytical software package. The Futura 3 is ideal for dedicated analysis of parameters in the environmental, water and beverage markets.

To learn more about the KPM Analytics companies visit www.amsalliance.com, www.chopin.fr, www.processsensors.com, www.unitiescientific.com, and www.kpmanalytics.com

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About Unity Scientific

With industry-leading expertise in near infrared (NIR) technology, Unity® Scientific products are used for quality control applications within production processes and laboratory environments. Unity's premium analytical instrumentation serves a wide range of end markets such as food & dairy, agriculture and environmental. Headquarters are in Milford, MA, USA with additional offices in Weiler Bei Bingen, Germany. To learn more, visit www.unityscientific.com.

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.

About AMS Alliance

AMS Alliance is a developer, manufacturer, marketer and seller of a wide variety of instrumentation and systems that automate complex analysis for research & development, process monitoring and quality control in food, environmental, and agriculture applications. Backed by close to 30 years of analytical expertise, the AMS Alliance team serves customers around the globe from locations in Italy, France and the USA. www.amsalliance.com/

About CHOPIN Technologies

Headquartered in Villeneuve-la-Garenne, France, the CHOPIN Technologies products focus on compositional and functional analysis in cereals, flours, and their derivatives. CHOPIN Technologies products provide exceptional results and are used across the globe to ensure operational specifications, regulatory compliance and quality standards are met. CHOPIN Technologies has additional offices in Kansas City, KS, USA and Beijing, China. For more information, visit www.chopin.fr.

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. Unity Scientific, Process Sensors Corporation, CHOPIN Technologies and most recently AMS Alliance 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.

