

PRESS RELEASE

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Faustel Updates Technology Center with Sensors from Yokogawa

Yokogawa announces the inclusion of its WEBFREX3ES online sensor to Faustel's Technology Center. The sensor performs accurate online measurements of film and sheet thickness. It produces graphs (profiles) that give a quick grasp of the distribution, which can be used to control thickness and ensure that all films and sheets coming off the production line have a uniform thickness.

The sensors were added to both the 300 mm Labmaster Pilot Coater and the 600 mm Production-Level Pilot Coating Line. Both lines are capable of aqueous and solvent-based coating using a wide variety of methods including slot die, comma roll, knife-over roll, gravure, and hot-melt coating

"We don't have to stop and start the line," said Jay Totten, Technology Center Manager at Faustel. "We make coat-weight adjustments on the run."

Faustel's Technology Center is a modern process and product development resource available to converters and to coating and adhesive formulators. The Center features a 610m/min., 600mm (2000 fpm, 24") wide pilot line that incorporates all major coating and curing/drying

capabilities. The Technology Center allows converters to closely emulate processes used on their production lines.

WEBFREX3ES consists of up to five frames, which accommodate a Beta-ray type sensor, a measurement manager station to generate coat weight profiles, operator stations, and a profile stack server. The system is equipped with various functions provided for the battery electrode process, including high-speed and high-precision synchronization scanning, automatic identification of coated or non-coated parts, zone trend panel, profile data tracking and a material coefficient window. All major components are originally developed and manufactured at Yokogawa factories under the high quality control policy proven by their highly reliable DCS and field instruments.

Faustel's Technology Center assists converters in developing processes for new products or improves existing web products from initial laboratory coating to full-scale manufacturing. UV and EB curing and thermal drying in roller support or floatation configurations are available. More than 40 coating methods provide a full range of application possibilities. Four unwinds and three rewinds allow a wide variety of web paths, putting numerous combinations of coating and laminating capabilities at the user's disposal.

About Faustel

Founded in 1956, Faustel is a manufacturer of high-tech web converting equipment for the paper, film and foil converting industry including modular systems, complete lines, and components for a wide range of coated or laminated products. Faustel has a well-equipped Technology Center including two pilot coating lines, both capable of aqueous and solvent-based coating using a wide variety of methods and incorporates all well-known drying and curing technologies as well as a wide variety of coating, laminating, and winding capabilities. Faustel has production facilities in the US and China and provides 24-hour parts and service support. For more information, please visit www.faustel.com.

About Yokogawa Corporation of America

Yokogawa Corporation of America (<http://yokogawa.com/us>) is a leading provider of Industrial Automation and Test and Measurement solutions. Combining superior technology with engineering, system integration, project management, and maintenance services, Yokogawa

delivers field-proven operational efficiency, safety, and reliability. Yokogawa Corporation of America is headquartered in Sugar Land, TX, and is the North American Division of Yokogawa Electric Corporation's global network of 25 manufacturing facilities and 4 regional project engineering centers.

About Yokogawa

Yokogawa's global network of 88 companies spans over a total of 55 countries. Founded in 1915, the US\$4 billion company conducts cutting-edge research and innovation. Yokogawa is engaged in industrial automation and control (IA), test and measurement, and other business segments. The IA segment plays a vital role in a wide range of industries including oil, chemicals, natural gas, power, iron and steel, pulp and paper, pharmaceuticals, and food. For more information about Yokogawa, please visit our website www.yokogawa.com.