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SmartSpark™

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FOR RELEASE at ASB BakingTech 2011
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Banner-Day Introduces **SmartSpark™** Conveyor Oven Ignitor

Saginaw, MI March 6, 2011: Banner-Day, a leader in oven automation and performance optimization will be introducing new and revolutionary conveyor oven ignitor/sensor **SmartSpark™** at the American Society of Baking, BakingTech 2011 Conference March 6-9, 2011 in Chicago, Illinois.

The **SmartSpark™** system by Banner-Day is the next evolution in the control of bakery conveyor ovens. **SmartSpark™** is an ignitor/sensor that enables precision control of conveyor oven burners, while offering ease of installation. This stainless steel rectification ignitor/sensor is specifically designed to provide highly reliable burner ignition and flame sensing when used in a conveyor oven. It is designed to be used at the far end of the burner to detect the flame and on the infeed end of the burner to ignite the flame. As an ignitor, it sparks to itself, directs the fuel to the ignition point and provides minimum capacitive load on the ignition system. As a flame sensor, it captures the flame and provides the maximum amount of flame signal to keep the burner solenoid valve open. It is simple to install, maintain and its adjustment is less critical under adverse operating conditions.

The value of this development is that bakers can now more efficiently manage temperature and lateral heat conditions in their conveyor ovens. This is an important advancement as it now enables bakeries to cost effectively enhance an existing conveyor oven.

Each **SmartSpark™** ignitor/sensor is designed to be installed and used independently and can be integrated into overall Total Oven Control (TOC™) system.

Bakers currently using the **SmartSpark™** ignitor/sensor have commented:
"Better performance and reliability"
"Really neat"

Banner-Day will also display the **SmartBake™** zone panel at ASB BakingTech 2011 in Chicago at table #98 March 6-9, 2011.

SmartSpark™ is versatile and can be incorporated into both retrofit installations and OEM designs.

Banner-Day is the oven automation and optimization specialist serving the large scale commercial baking industry. They combine over 80 years of design, engineering and project management experience with an intimate knowledge of the internal workings of bakery ovens and processes. Banner-Day understands the unique environment of baking where bakers demand precisely controlled oven temperatures and consistency throughout the bake.