

# Advanced Energy® , A Rockwell Automation® Encompass™ Product Partner, Introduces Onyx™ Industrial Pyrometers at Automation Fair® 2016 presented by Rockwell Automation

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ATLANTA, Nov. 09, 2016 (GLOBE NEWSWIRE) -- Advanced Energy Industries, Inc. (Nasdaq:AEIS), the world leader in precision power conversion, introduced today its Onyx™ series of pyrometers, a significant step forward in optical temperature measurement for industrial applications. With high accuracy, repeatability and reliability, the versatile new series is ideally suited for a wide variety of industrial materials, such as steel, non-ferrous metals, graphites, silicon carbon (SiC), carbon fiber and ceramics during critical thermal processing. Advanced Energy® (AE®), an Encompass™ product partner in the Rockwell Automation® PartnerNetwork™, will provide a demonstration of its Onyx series, as well as its Thyro-Family SCR power controllers, at the annual Automation Fair event presented by Rockwell Automation in Atlanta, November 9-10.

Using the same design principles established over 20 years in pyrometry and optical temperature measurement in some of the world's most demanding applications, the Onyx series meets the requirements of Rockwell Automation and offers four industrial models:

- Onyx™-S single-channel optical temperature pyrometer
- Onyx™-S2C two-color ratio optical temperature pyrometer
- Onyx™-MC multi-channel optical temperature pyrometer
- Onyx™-MCE multi-channel optical temperature pyrometer with active emissivity compensation

“The new Onyx technology delivers precise thermal profiles for advanced thermal processing and control,” said Yuval Wasserman, president and CEO of Advanced Energy. “Our pyrometers, well-known for high performance in the semiconductor industry, now serve industrial customers who can leverage the advantages of our long-standing success in optical temperature measurement with this robust line built specifically for today’s industrial applications.”

In addition to pyrometers, Advanced Energy’s thermal portfolio includes digital SCR power control modules for electrical heating applications, including the newly engineered Thyro-PX™ SCR power controller, available in 230 V to 690 V options, single-phase and three-phase. Many of AE’s SCR power controllers come with an add-on profile (AOP) that simplifies communication configuration and network connection.

Advanced Energy will highlight its technologies for thermal processing at the Automation Fair event at the Georgia World Congress Center in Atlanta, November 9-10. AE experts will be available at the company's booth (#1325) to demonstrate these products and discuss how the company continues to innovate, developing and integrating the latest in automation technologies.

In addition to its technology showcase in the exhibition hall, the company is pleased to participate in the following technology forum:

*Precise Thermal Measurement and Control for Temperature-Critical Applications*

Mark Ritzheimer and Andreas Breitkopf, Advanced Energy Industries, Inc.

Wednesday, November 9, 9:00 - 10:00 A.M.

Thursday, November 10, 9:00 - 10:00 A.M.

## **About Advanced Energy**

Advanced Energy (Nasdaq:AEIS) is a global leader in innovative power and control technologies for high-growth, precision power solutions for thin films processes and industrial applications. Advanced Energy is headquartered in Fort Collins, Colorado, with dedicated support and service locations around the world.

Advanced Energy is an Encompass product partner in the Rockwell Automation PartnerNetwork. Its thermal products use ODVA-certified Ethernet/IP communications to interact directly with Rockwell Automation Logix PAC® systems.

For more information:

- Advanced Energy website: [www.advanced-energy.com](http://www.advanced-energy.com)
- Advanced Energy optical temperature measurement: [http://www.advanced-energy.com/en/Thermal\\_Instrumentation\\_Industrial.html](http://www.advanced-energy.com/en/Thermal_Instrumentation_Industrial.html)
- Advanced Energy thyristor power control modules: [http://www.advanced-energy.com/en/power\\_control\\_modules.html](http://www.advanced-energy.com/en/power_control_modules.html)
- Advanced Energy events: [www.advanced-energy.com/en/events.html](http://www.advanced-energy.com/en/events.html)

## **About the Rockwell Automation PartnerNetwork Program**

The Rockwell Automation PartnerNetwork program offers global manufacturers access to a collaborative network of companies mutually focused on developing, implementing and supporting best-in-breed solutions to achieve plant wide optimization, improve machine performance and meet sustainability objectives.

For more information:

- PartnerNetwork website: <http://www.rockwellautomation.com/rockwellautomation/sales-partners/partnernetwork.page>

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