



FOR IMMEDIATE RELEASE

Enertechnix Establishes Upgrade Program to Deliver New Infrared Camera Core Technology to Existing Clients of the PyrOptix IR Camera System

New camera core delivers the most advanced online visibility and temperature analysis without having to procure new camera equipment.

SEATTLE, Wash. – January 11, 2012 – Enertechnix, Inc., the leader in innovative technologies for process and environmental monitoring to improve the efficiency, cleanliness and safety of large-scale energy conversion processes, today announced new core technology for its PyrOptix™ IR infrared camera system, available as an upgrade for in-market equipment and provided in all new PyrOptix camera shipments.

Enertechnix recommends this upgrade for cameras that have been in the field two years or longer, but upgrading is not required. By accessing the latest camera core technology, upgrading provides the following benefits to Enertechnix clients:

- **Enhanced Images** – The new detection core materials deliver improved pixel uniformity resulting in crisper images.
- **Fewer Components and Greater Durability** – The new integrated core technology does not need a chopper motor moving assembly. With fewer internal moving parts, the camera is more durable.
- **Improved Power Performance** – The core upgrade increases the camera's battery life and uses less power to perform the same functions. With longer camera operation between charging, performance is extended over 60%.
- **Better Field of View Modification** – with the new core, the lens adapter is shortened by 1/2" allowing operators to increment finer fields of view without having to change the optics of the lens assembly.

"We're pleased to make this new upgrade opportunity available to our clients," said Dave Suplicki, director of sales and marketing at Enertechnix. "It's a great way for boiler operators to gain best-in-class performance with limited additional expense, and the upgrade process is simple and fast."

How the Upgrade Program Works

Enertechnix arranges shipment of the client's current camera to the Enertechnix service facility, and can provide a loaner if needed. Enertechnix service technicians refurbish the camera with the new core and ship the camera back for easy replacement. There's no modification required to other field equipment.

About the PyrOptix Infrared Camera System

Designed to see through smoke and ash at temperatures of 700°F to 3500°F, the PyrOptix fixed mount infrared camera aids in visual observation inside the furnace environment, providing information about slag buildup, burner operation, flame position and heat exchanger tube pluggage. This helps improve heat transfer efficiency, reduce maintenance costs and contribute to higher boiler availability.

About Enertechnix, Inc.

Enertechnix develops and commercializes innovative technologies for environmental monitoring and improving the efficiency, cleanliness and safety of large-scale energy conversion processes. Since its inception in 1995, Enertechnix has developed and commercialized mid-IR imaging systems for visual monitoring of conditions within high-temperature, particle-laden environments, and acoustic systems for measuring gas temperatures in large-scale boilers. Enertechnix is also active in a broad program of research and development, aimed at airborne aerosol capture and classification, measuring temperatures in gasifiers, detection of IEDs, and monitoring of personal exposure to toxins and allergens. More information is available at www.enertechnix.com.

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