



PyroRemote Inspection Camera

Online visual access to hard-to-reach areas of your boiler

The PyroRemote™ Inspection Camera enables more complete inspections at full-load conditions. You can view critical areas involving SCR catalyst layers, between banks of heat exchanger tubes and darkened or hard-to-reach areas of your boiler. Offering full rotation, the PyroRemote camera allows you to see perpendicular to the direction of insertion as well as a 360-degree view inside your boiler.

Flexible Observation and Analysis at Full Load

PyroRemote consists of a solid-state visible CCD camera on a rugged, extendable stainless steel pipe assembly. The patent-pending air-cooling system allows the camera to withstand temperatures of up to 1200°F. The camera assembly is equipped with halogen lighting for maximum illumination and is configured to eliminate any reflection of ash in particle-laden environments. The PyroRemote sections can be used in lengths as short as 4 feet and extend up to a total length of 20 feet.



PyroRemote Inspection Camera



PyroRemote Camera Monitor



Assembly of Sections to Variable Lengths

Application areas include:

- SCR: identifies ash deposits and ammonia spread pattern, and helps guide online cleaning.
- Air Preheater: allows for seal inspection, and identification of ash deposits and wear conditions.
- Back Passes: provides visibility of slag conditions in reheat lanes.
- Steam Drum: allows for inspection without waiting for cool-down.
- Scrubber: enables observation of chemical injection.

Examples of PyroRemote Real-time Visibility



Economizer—Sonic Horn Cavity



Air Heater Seal / Basket



SCR Exit—SBS Injectors Inspection



SCR Exit—Catalyst Entrance Inspection

Contact Enertechnix for a complimentary PyroRemote demonstration.

If you're interested in seeing hard-to-reach areas of your boiler or furnace under full-load conditions, contact us to schedule your free on-site demonstration.

Enertechnix, Inc. Phone: (425) 432-1589
 PO Box 469 Fax: (425) 432-1557
 Maple Valley, WA 98038 Email: sales@enertechnix.com

About Enertechnix

Enertechnix develops and commercializes innovative technologies for process and environmental monitoring to improve the efficiency, cleanliness and safety of large-scale energy conversion processes.

Learn more at www.Enertechnix.com, or call (425) 432-1589.