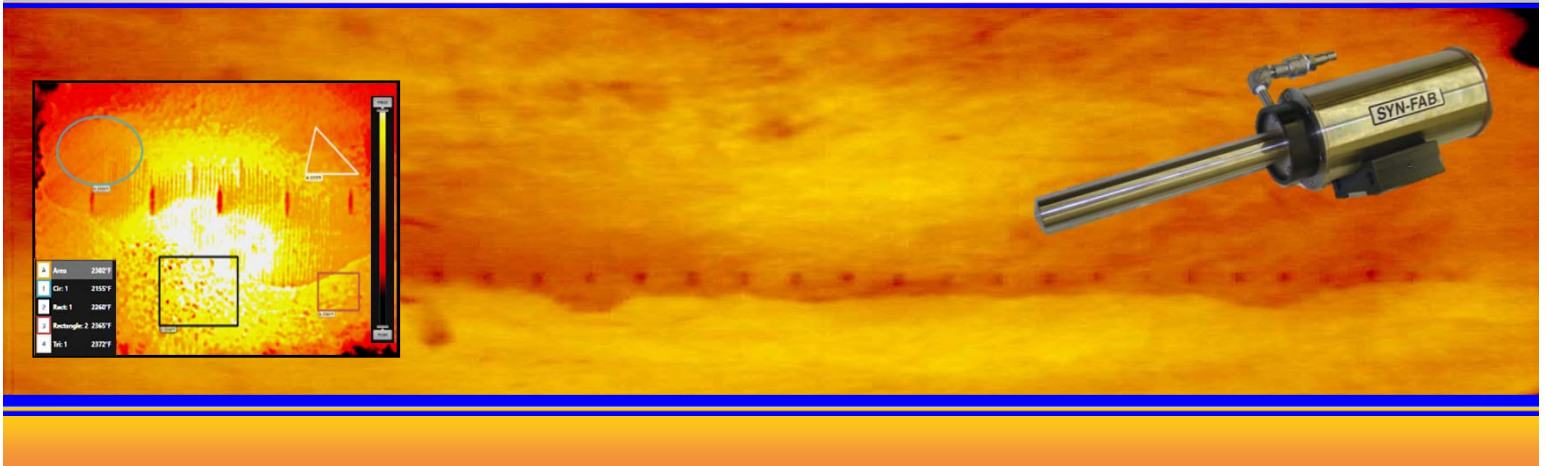


HOT SHEET

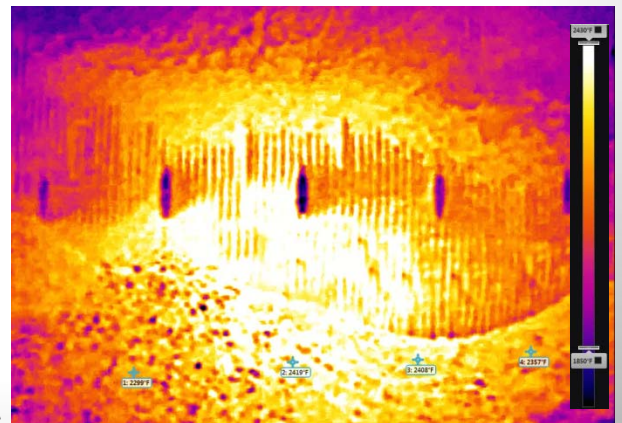
Pyro-Viper™-HD IMAGE PROCESSING & ANALYSIS SOFTWARE
FOR RECOVERY BOILER MONITORING



Pyro-Viper™-HD is a PC based temperature and image processing system designed for use with **SYN-FAB®** high temperature radiometric imaging systems. This combination of state-of-the-art multiple wavelength imaging with real-time data acquisition/processing gives the operator an excellent tool for increasing productivity, efficiency, and safety. Functionality includes the ability to observe live process conditions and obtain a color thermograph of the recovery boiler interior, while simultaneously monitoring the temperature of unlimited areas of interest and comparing to operational parameters of the boiler. I/O options include a standard network interface, optically isolated 4-20 mA outputs, and/or OPC connectivity.

Pyro-Viper™-HD - SYSTEM FEATURES

- ▶ Continuous real-time video
- ▶ Full function image storage and data processing for up to 4 cameras per DAC unit
- ▶ Unlimited temperature target areas (ROIs)
- ▶ Multiple area temperature trending
- ▶ User definable alarm parameters for ROIs
- ▶ Easy to use Windows based operating system
- ▶ Quick and inexpensive calibration
- ▶ Remote access capability to stream and view output anywhere on user network
- ▶ Image fine tuning for optimal size, contrast, brightness, color palette, and vignette filtering
- ▶ Wide range of data reporting options
- ▶ User defined screen layout with ability to view multiple cameras at once
- ▶ Custom algorithms and software options for special processes or application needs
- ▶ Real-time master software for video signal data acquisition, display, preprocessing, and storage
- ▶ “Digital VCR” function for storage and retrieval of video and image sequences
- ▶ Modular system design for easy option additions or upgrades after installation



SYN-FAB® INC.

HIGH TEMPERATURE & INDUSTRIAL PROCESS MONITORING SYSTEMS

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