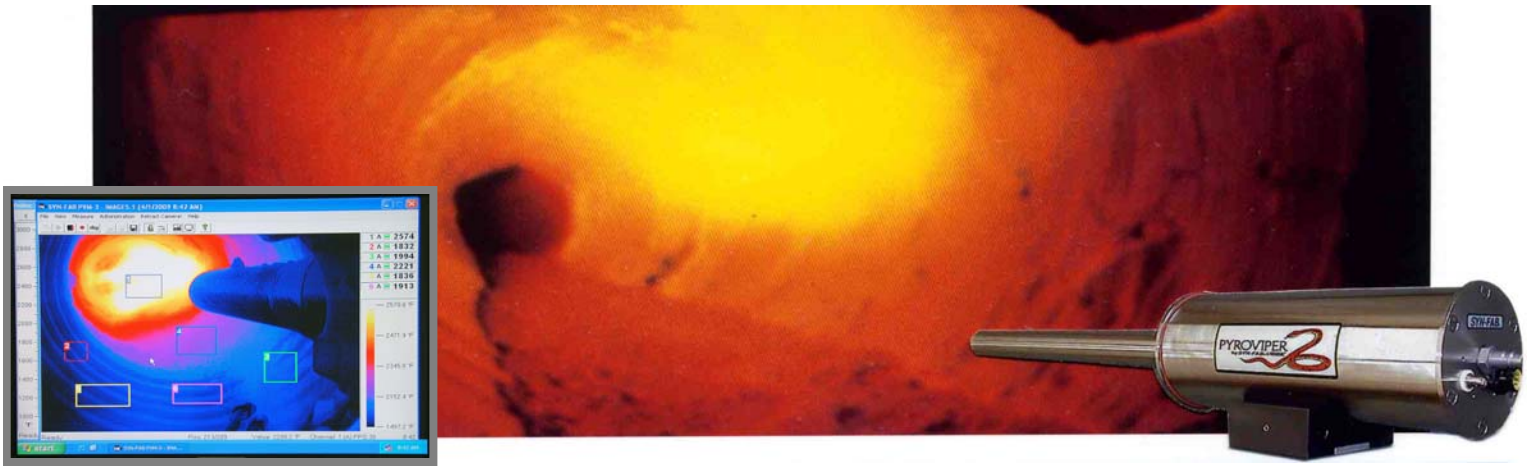
PYROVIPER™ BY: SYN-FAB.

FOR KILNS



PYROVIPER™ is a PC based temperature and image processing system designed for use with ***SYN-FAB's*** high temperature infrared imaging systems. This combination of a state-of-the-art dual wavelength imaging system with a real-time data acquisition and processing system gives the operator the ability to observe process conditions inside the kiln while simultaneously monitoring the temperature of unlimited areas of interest within the scene being viewed. Options include a standard network interface and optically isolated 4-20 mA outputs for connection to the plant's DCS.

PYROVIPER™ SYSTEM FEATURES

▸Continuous real-time video full function image storage and data processing ▸ Unlimited temperature target areas ▸ Multiple area temperature trending ▸ Easy to use Windows based operating system ▸ Quick and inexpensive calibration ▸ Modular system design for easy option additions and upgrades after installation

SYN-FAB'S INFRARED IMAGING SYSTEM FEATURES

▸ Single or multiple wavelength detectors ▸ Patented **Bright Image Optical System** for sharp images ▸ Quickchange construction for easy installation and maintenance ▸ Solid state camera electronics and controls ▸ Indestructible **STEELON**™ or nylon/teflon housings to protect components ▸ Advanced lens design for low air consumption, wider field of view and easy assembly/disassembly ▸ Easy to handle, compact design ▸ High performance, ruggedized infrared imagers for longer lasting, sharper images ▸ Loaner systems and 24 hour service for emergencies ▸ Modular system design for easy option additions and upgrades after installation ▸ Interchangeable lenses from 24" to 65". Straight ahead, obtuse and right angle lines of sight are available.

KILN INTERIOR VIEWED WITH SF12C-2C

SYN-FAB® INC.

HIGH TEMPERATURE & INDUSTRIAL PROCESS MONITORING SYSTEMS

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