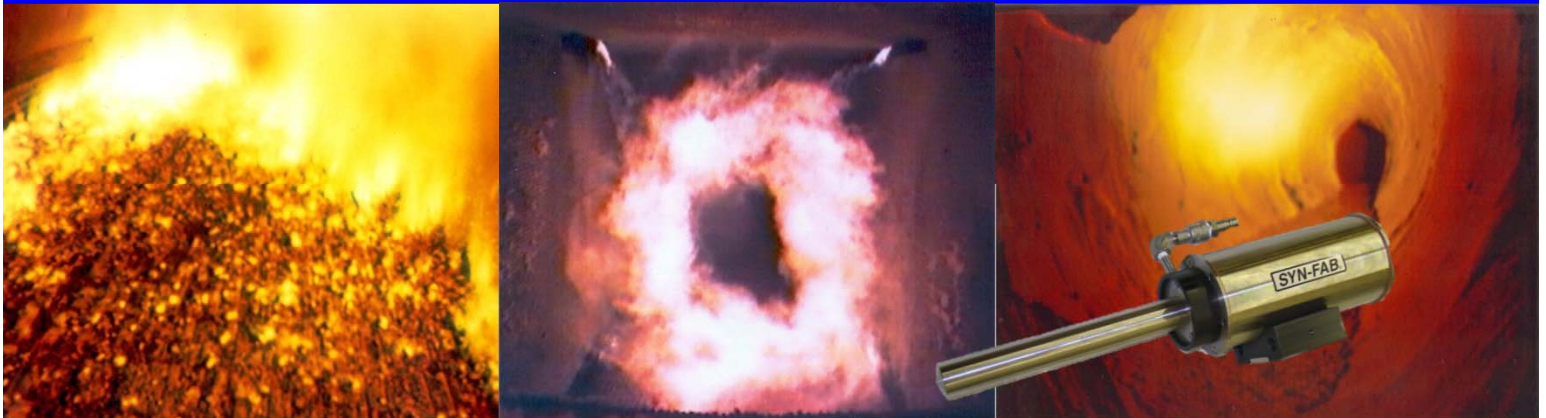


SF12CS HIGH TEMPERATURE IMAGING SYSTEMS

FOR TRUE COLOR MONITORING OF
BOILERS - KILNS - FURNACES - INCINERATORS



SF12CS PIII

The **SYN-FAB**® SF12CS series imaging system represents the state-of-the-art in high temperature process monitoring. Each system utilizes a high-tech combination of electronics, optics and protection to produce high quality, reliable video of your process. The SF12CS's **Bright Image Optical System**™ is designed to see through the smoke, ash and haze produced within high temperature boilers and furnaces.

SF12CS - SYSTEM FEATURES

► Quick-change lens design for easy installation and maintenance ► Proprietary **Bright Image Optical System**™ for sharp images ► Modular configuration for easy option add-ons and upgrades ► Compact, easy to handle design ► Indestructible synthetic (SF12CS) or **STEELON**™ (SF12CS PIII) housings to protect (IP66) electronic components ► Advanced lens design for low air consumption, various fields of view and easy assembly/disassembly ► High performance, ruggedized cameras for increased durability (NTSC, PAL, Ethernet cameras available) ► Loaner systems and 24 hour service for emergencies

SF12CS - SYSTEM OPTIONS

► Balanced draft and positive pressure wall boxes for permanent/semi-permanent installation ► Lens lengths available from 12" to 65" with straight ahead, right angle or 45° obtuse line of sight ► Automatic retract assemblies ► Portable system configuration and cart assembly for diagnostics and testing ► Air filtration systems ► Digital recorders, monitors, switchers and other video equipment ► Fiber optic, coax, Ethernet, or wireless video/data ► Custom options, including Class I Div 2 compliance



SF12CS - BENEFITS TO OPERATORS

► Helps maximize efficiency and capacity by showing fuel and air flow in the burning zone ► Reduced emissions by improving performance ► Increased safety margins by helping detect tube leaks and other problems before major damage occurs ► Helps reduce slag, clinker and ash build-up resulting in fewer shutdowns and lower maintenance cost ► Aiding start-ups and troubleshooting burner malfunctions ► Helps in shaping and positioning fuel beds

SYN-FAB® INC.

HIGH TEMPERATURE & INDUSTRIAL PROCESS MONITORING SYSTEMS

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