

# PORTABLE FURNACE INSPECTIONS SYSTEMS



## SYSTEM OVERVIEW

**SYN-FAB's** solid-state digital camera systems for boiler, furnace and kiln monitoring are available in both infrared and visible light versions suitable for virtually any application. Each system utilizes a state of the art, fully automatic camera and **SYN-FAB's** patented **Bright Image Optical System (BIOS)** to provide an easy to use and maintain tool for furnace troubleshooting and optimization.

Any of our SF12 and SF11 series systems can be used with the portable handle, tripod mount, or permanent wallbox mount with no modifications required. All that is required of the operator is power (or optional 12 VDC battery pack) and a compressed air supply for cooling. A typical portable inspection system would include an SF12 imaging system, a Sony display with digital video recording and memory stick image capture functionality, and a custom carrying case. Systems are shipped fully assembled, adjusted and ready for use.



PORTABLE FURNACE INSPECTION SYSTEM

## SYSTEM OPTIONS

- ▶ 4" to 72" air cooled furnace lenses
- ▶ Straight ahead, right angle or obtuse line of sight lenses
- ▶ Wallbox mounts, auto retracts, air filters, and other accessories for permanent installation
- ▶ **SPECTRUM™** color enhancement and Thermal Analyzer temperature monitoring
- ▶ **PYROVIPER™** image analysis and data processing systems
- ▶ Portable cart for temporary installations and accessory mounting



PERMANENT MOUNT SYSTEM WITH WALLBOX AND AUTOMATIC RETRACT

**SYN-FAB® INC.**

**HIGH TEMPERATURE & INDUSTRIAL PROCESS MONITORING SYSTEMS**

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