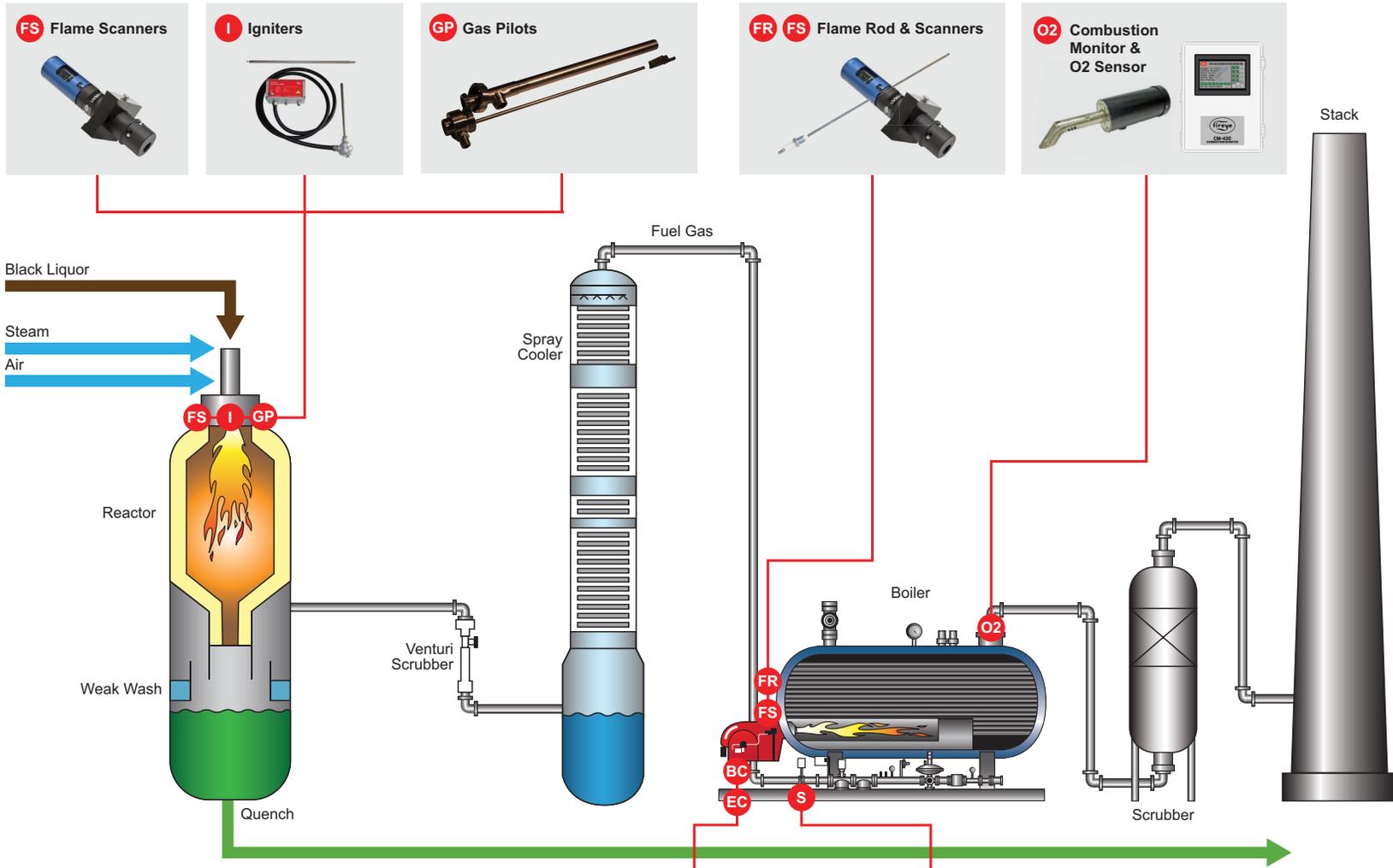


# Black Liquor Plant Applications Flame & Combustion Management Solutions



Flame safeguard and efficiency controls with Ultraviolet (UV) and Infrared (IR) flame scanners, flame rod, valve servo motor and O<sub>2</sub> trim options.



## Burner & Efficiency Controls

### Flame Safeguard Controls



- BurnerPro™
- BurnerLogix®
- Flame-Monitor™
- MicroM

### Efficiency Controls



- Nexus® NXF4000
- Nexus PPC4000
- Nexus NX6100
- Nexus PPC6000

### CM-420 Combustion Monitor

Provides oxygen percentage via 4-20mA or Modbus for PLC, Scada or building management systems. Used in conjunction with the Fireye oxygen probe (NXCESO2).



## Flame Scanners

### Discrete Flame Scanners



- UV1A (Ultraviolet)
- UV90L (Ultraviolet)
- 45UV5 (Ultraviolet / Self Check)
- 48PT2 (Infrared)

### Integrated Flame Scanners



- Phoenix™ Series 2 (Ultraviolet Extended, Ultraviolet or Infrared)
- InSight® II (Ultraviolet, Infrared or Dual Sensor)
- InSight Series 4 (Ultraviolet or Infrared)

## SureFire™ Gas Pilots

Natural or forced-draft gas pilots suitable for majority of power, refinery and other applications with outer diameter options of 32mm or 48mm, for intermittent or continuous duty, Class 1 to 3.



## FX Servo Motors

The Fireye FX Series servo motors are precision actuators designed to accurately position valves and dampers.



## Flame Rods



The Fireye flame rod (69ND1) is made from high temperature resistant metal and can be used to detect gas flames only.

## Oxygen Probe

The Fireye oxygen probe (NXCESO2) is designed to provide continuous oxygen concentration readings.



## SureFire II Igniter

High-energy ignition system for direct spark ignition of most gas or liquid fuels used in oil or gas pilots or main burners.



For more information, please [contact](#) your local OEM or Fireye Distributor.

[fireye.com](http://fireye.com)

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