



## ANALASER AIR SAMPLING DETECTION

### **ENHANCED EARLY WARNING SMOKE DETECTION**

High air change, airflow patterns, heat interfaces, dusty conditions and high ceilings are all factors that create a tough environment for standard smoke detectors to detect smoke. For most of today's critical equipment rooms, too much damage has already occurred, by the time standard detection has alarmed.

Today we have high sensitivity detection that can give you warning of a fire condition long before standard detection. The Fenwal AnaLaser Detector is up to a 1000 times more sensitive than traditional smoke detectors. The Analaser is an active detector that continually draws air samples from a room with CPVC pipe and air sampling points. Air sampling points are installed at the ceiling, at specific elevations, by return air vents, into equipment cabinets, and other strategic locations in the room for optimum detection. Analaser determines the smoke obscuration level of the air to provide pre-alarms, alarms and operate functions that are programmed into the system.

### **BENEFITS OF ANALASER EARLY WARNING DETECTION:**

- To provide the earliest fire warning possible to allow fire response. Thus reducing damage to equipment. Heat and smoke damage can also be a problem for adjacent equipment.
- Minimize downtime and reduce (or eliminate) business interruption and its associated costs.
- Provide time to deal with a problem manually, reducing the need to rely on the Halon, Clean Agent, or Pre-action Sprinkler System.

### **ANALASER FEATURES**

- Sensitivities adjustable from .3% to .00075% per foot smoke obscuration
  - Standard detectors are typical 1.5% to 3.5% obscuration
  - AnaLaser Ultra Detector sensitivity up to .00015% per foot obscuration
- Laser Technology for maintenance free, superior detection
- LaserNET Software to provide off-site monitoring and control
- Network AnaLaser with a computer or to a Fenwal FN2000 Fire Control Panel
- Three programmable alarm levels to perform any function
- History logging of smoke levels, events and system operation
- Customizing functions to allow high sensitivity detection in dirtier industrial environments



## **Contact Electric Scientific Company**

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