VERSATTILE AND INTELLIGENT ASPIRATING SYSTEM
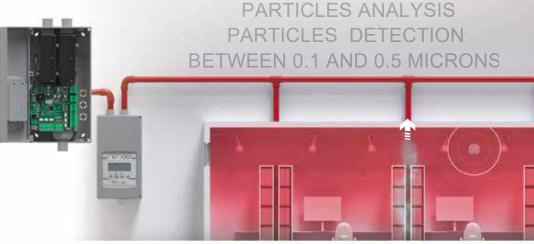
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ASPIRATING
PARTICLES ANALYSIS
PARTICLES DETECTION
BETWEEN 0.1 AND 0.5 MICRONS

FA100 Aspirating smoke detector

inim ®

DESCRIPTION

The INIM FA100 is a state-of-the-art, loop-connectable aspirating smoke detection system with two independent channels and dual light technology for enhanced sensitivity.

Each sampling channel can be independently configured as Class A, B, or C, covering distances of up to 100 meters and supporting up to 8 sampling holes in Class A, 18 in Class B, and 51 in Class C.

Its dual light technology, utilizing both infrared and blue light sources, allows for precise particle analysis and ensures a high level of false alarm rejection, even in dusty or misty environments, making it one of the most reliable early warning fire detection systems available.

The FA100 comes standard with one detection module, with the option to purchase a second module separately. Each detector module continuously monitors the flow rate of aspirated air, signaling a fault if it deviates from the pre-set value (e.g., due to clogged sampling holes or breaks in the sampling duct).

ADANTAGES

• **Rapid Detection:** Early smoke detection by actively sampling air, making it highly sensitive to even small amounts of smoke. This is ideal for environments where early warning is crucial like large warehouses, server rooms, and data centers.

• **Flexible Installation:** Can be installed outside the sampling zone, with the option to add filters and condensate traps, making it suitable for challenging environments where other detection technologies may not work.

• **Effective in Large Spaces:** Works well in areas with high ceilings, such as stadiums, hangars, and atria, where smoke may take time to reach conventional detectors.

• **Highly Adaptive:** This system can be installed to run pipes wherever they are required, whether that's on the ceiling or inside server racks.

• **Discreet Design:** The network of pipes that draw in the air can be tailored to a building and discreetly positioned if aesthetics are important within a building.

• **Suitable for Cold Storage:** The system can be installed outside cold environments, with pipework running through temperature-controlled areas to warm the air before it reaches the detection unit, offering an efficient alternative to passive detection.

• **Lower Installation Cost:** Without running wires through walls and ceilings and laying cables throughout the building saves time and money.

ACCESSORIES

FAD100
Detection module for dual-channel expansion.

FA100FILTER
Replacement mesh filter for FAD100 detectors, 10 pack.

FA100-Wi-FI
Wi-Fi Interface module, can be configured as hotspot or can be connected to the existing Wi-Fi system.

SAMPLING PIPES

Pipes and accessories for Stratos aspirating systems

DEMCO
INDUSTRIES SDN BHD
www.demcoalarm.com

Lot 3928, Jalan Keretapi Lama
Off Jalan Kapar 5 1/2 Miles
42100 Klang
Selangor Darul Ehsan
West Malaysia
Tel: 603-3290 3333
Fax: 603-3290 2288
E-mail: sales@demcoalarm.com

Intertek   UKAS MANAGEMENT SYSTEMS

Quality without Compromise