

NEW FLAME SCANNERS

Following the latest developments in flame detection, PIA has designed new user friendly flame scanners featuring Graphic User Interface: the Flamoptic IR fiber optic, Window 143 IR and 145 UV flame scanners.

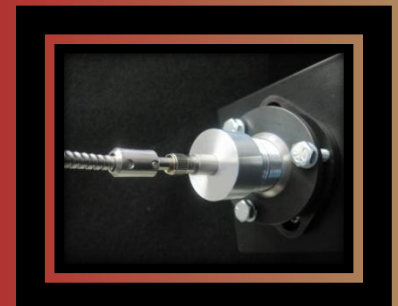
These new models will be added to the existing Window series in the upcoming months, offering more choice for specific applications such as tilting burners, narrow spaces and hard to discriminate multiple burners furnace.

FLAMOPTIC Fiber Optic Flame Scanner

Specially designed for efficient and economical fiber optic flame detection without viewing head



- Ideal for all types of burner installations including difficult sighting, narrow spaces and tilting burners
- High temperature resistant, up to 300°C intermittent 400°C
- High flicker frequency detection up to 5,000Hz
- Very simple design only composed of a control module and a fiber optic cable
- Fully programmable and monitorable on PC through a Graphic User Interface (GUI)
- Real-time flame signal decomposition and frequency band selection with completely programmable digital filters for better flame discrimination
- Two independent flame relay outputs and filters for different settings
- 4-20mA analog output for relative flame strength monitoring on BMS
- Flame data logging on PC
- Continuous self-checking system with shutter and software integrity verification



INFORMATION

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WINDOW 143A AND 145A IR Flame Scanner and UV Model

The Window 143A is a compact, all-in-one IR flame scanner featuring Graphic User Interface (GUI) for better adjustments and reliable flame detection and discrimination

- Compact low cost design, yet fully adjustable
- IR or UV model to cover all type of applications
- High (IR) flicker frequency detection up to 5,000Hz
- Fully programmable and monitorable on PC through a GUI for advanced adjustments
- Real-time flame signal decomposition and frequency band selection with completely programmable digital filters for better flame discrimination
- Flame and fault relay contact outputs
- 4-20mA analog output for relative flame strength monitoring on BMS
- Flame data logging on PC
- Continuous self-check system with shutter and software integrity verification



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