Integrated Flame Scanner Application Quick Guide



SIMPLICITY SCANNERS Geiger-Muller UV Tube

UV 190 - 270nm

Discrimination ΨÅ

Fuel Selection Natural Gas





Waste Gas, H² & H²S



Air Atomized Fuel



Steam Atomized Fuel







PHOENIX SCANNERS Solid State UV Sensor

UV 295 - 340nm

Discrimination ΦΦΦ

Fuel Selection Natural Gas



Gas Igniter

Waste Gas, H² & H²S



Air Atomized Fuel



Steam Atomized Fuel





PHOENIX SCANNERS Solid State Extended UV Sensor

Readv

UV 310 - 500nm

Discrimination ΦΦΦ

Fuel Selection Natural Gas



Gas Igniter

Waste Gas, H² & H²S



Air Atomized Fuel



Steam Atomized Fuel





PHOENIX SCANNERS Solid State IR Sensor

IR 830 - 1100nm

Discrimination ÅΦ

Fuel Selection Natural Gas



Gas Igniter



Waste Gas, H² & H²S



Air Atomized Fuel



Steam Atomized Fuel





Solid State UV Sensor

UV 295 - 320nm

Discrimination

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Fuel Selection

Natural Gas

Gas Igniter

Waste Gas, H² & H²S

Air Atomized Fuel

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Steam Atomized Fuel

Coal



INSIGHT S4 SCANNERS Solid State IR Sensor

IR 700 - 1700nm

Discrimination *φφφφ*

Fuel Selection Natural Gas





Waste Gas, H² & H²S



Air Atomized Fuel



Steam Atomized Fuel



fireye.com

















INSIGHT II SCANNERS

Solid State Dual Sensor

UV 295 - 320nm IR 700 - 1700nm Discrimination

Fuel Selection

Natural Gas



Gas Igniter



Waste Gas, H² & H²S



Air Atomized Fuel



Steam Atomized Fuel





INSIGHT I SCANNERS

Solid State Dual Sensor

UV 295 - 320nm IR 700 - 1700nm

Discrimination



Fuel Selection Natural Gas



Gas Igniter



Waste Gas, H² & H²S



Air Atomized Fuel



Steam Atomized Fuel



