



FLAME DETECTORS FLAMESPEC FLAME SIMULATORS



FLAMESPEC
FLAME SIMULATOR

DESCRIPTION

Flame simulators are used to perform detector testing during commissioning and periodic system testing.

FlameSpec Flame Simulators enable fast and convenient detector verification in the field. The lightweight, ergonomic design, with alignment markers, allows for accurate and fast detector performance verification. FlameSpec simulators can be used at distances of up to 7 meters from the detector.

Three different models are available for testing each type of FlameSpec Detector (UV/IR, IR3, and IR3 H2).

The FlameSpec range is suitable for use in hazardous areas.

FEATURES

- Facilitates full end-to-end system testing.
- Activation of test from up to 7 meters.
- More than 1,000 activations between charges .
- Includes carrying strap, protective storage case, battery charger and operating instructions.
- Reduced initial cost and ongoing maintenance costs.
- Easy to operate.
- Lightweight and easy to transport.
- ATEX certified.
- 3-Year Warranty.





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SPECIFICATIONS

	Detector Type	FG-FSIM-IR3-KIT FG-IR3-EXSS FG-IR3-HD-EXSS	FG-FSIM-IR3H2-KIT FG-IR3H2-EXSS FG-IR3H2-HD-EXSS	FG-FSIM-UVIR-KIT FG-UVIR-EXSS
Operation Distances	Detector Sensitivity			
	Extreme	7.0 m	7.0 m	6.5 m
	High	5.0 m	5.0 m	5.0 m
	Medium	3.0 m	3.0 m	4.0 m
	Low	1.0 m	1.0 m	1.0 m
Electrical	Operating Voltage nominal, V	3.7	3.7	3.7
	Number of activations between charging	~1,000	~1,000	~50
	Battery Capacity, mAh	>3,000	>3,000	>3,000
	Charging time	up to 3 hours	up to 3 hours	up to 3 hours
	Indication	3-colour LED (Green, Yellow, Red)		
Mechanical	Size	100x100x200 mm		
	Weight	1.8 kg		
	Simulator Enclosure	Painted Aluminium		
Environmental	Ingress Protection	IP65		
	Humidity	up to 99% (RH), non-condensing		
	Operating Temperature	Min -20°C Max +50°C		
Approvals	Explosion Proof	ATEX Ex II 2 G Ex db ib op is IIC T6 Gb Ex II 2 D Ex tb ib op is IIIC T85°C Db -20°C<Ta<+50°C		

ORDERING INFORMATION

Product Code

FG-FSIM-IR3H2-KIT

FG-FSIM-IR3-KIT

FG-FSIM-UVIR-KIT

Product Description

Flame Simulator Kit: IR3 Hydrogen Flame Detector*

Flame Simulator Kit: IR3 Hydrocarbon Flame Detector*

Flame Simulator Kit: UV/IR Hydrocarbon/Non-Hydrocarbon Flame Detector*

*Included in Kits: Carrying Case; Carrying Strap; Cover Tool; Allen Key; Battery Charger

• **DISCLAIMER:** Although the contents of our product literature have been prepared with the greatest care, Technoswitch can accept no liability whatsoever for any direct or indirect damages of any kind that may arise due to either errors or omissions in them, or amendments to products or other specifications following publication.



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