

# Long-Range Flame Simulator



IR3 Detector



UV/IR Detector

## FS-TL-50Ex

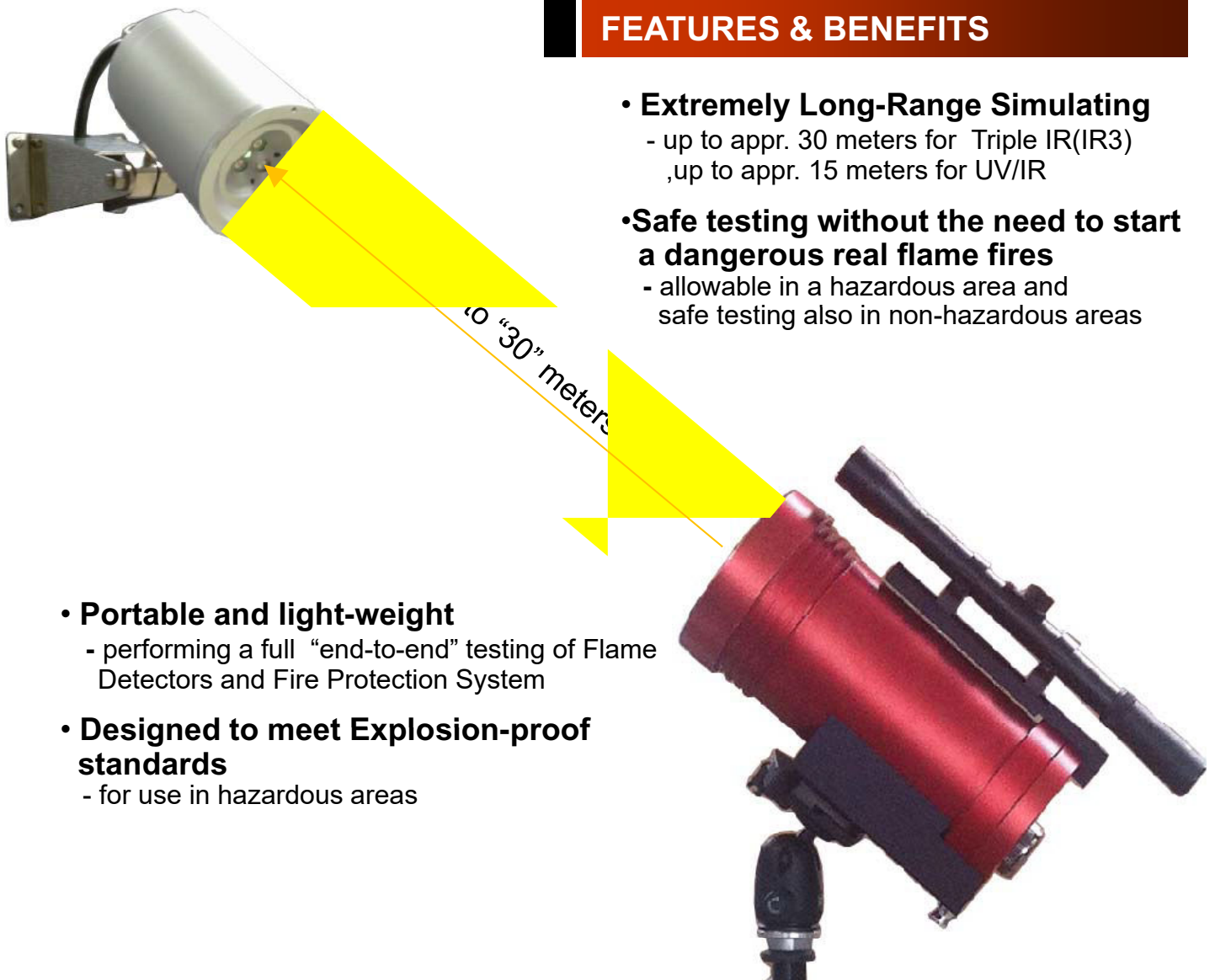
### Long-Range Flame Simulator

*For testing the various VINESYS Optical Flame Detectors*

#### FEATURES & BENEFITS

- **Extremely Long-Range Simulating**
  - up to appr. 30 meters for Triple IR(IR3)
  - , up to appr. 15 meters for UV/IR
- **Safe testing without the need to start a dangerous real flame fires**
  - allowable in a hazardous area and safe testing also in non-hazardous areas

- **Portable and light-weight**
  - performing a full “end-to-end” testing of Flame Detectors and Fire Protection System
- **Designed to meet Explosion-proof standards**
  - for use in hazardous areas



Zeta Alarms Ltd, 72-78 Morfa Road, Swansea, SA1 2EN

Tel:+44 (0) 1792 455175

Email: [info@zetaalarmsystems.com](mailto:info@zetaalarmsystems.com) Web-site: [www.zetaalarmsystems.com](http://www.zetaalarmsystems.com)

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ALARMS LIMITED

# Long-Range Flame Simulator

## How to use the test lamp



(in case of using the optional tripod)



(In case of aiming at detector in hand-grasping)



### <Content Items>

1. Test Lamp
2. Telescope Sight
3. Handle
4. AC/DC Power Adaptor
5. Aluminium Carrying Case
6. Tripod & its mounting base (optional)

## MODEL SELECTION

### <TEST LAMP>

FS-TL-50Ex

### <Flame Detector Models>

FX-500EX (Ex-proof Triple IR :IR3)  
 FX-20EX (Ex-proof UV/IR)  
 FX-20P (Non-Ex proof UV/IR)

### <Testing Distance Standards\*>

up to 30 meters  
 up to 15 meters  
 up to 15 meters

## GENERAL SPECIFICATIONS

\*FS-TL-50Ex can operate for at least 50 tests without recharging.

Temperature Range -20°C to 50°C

## ELECTRICAL SPECIFICATIONS

Power 7VDC (6 rechargeable 1.2VDC NiCd batteries)

Current 3.3A average

Charge 500mA for 1.5 hours

## PHYSICAL SPECIFICATIONS

Dimensions 110(D) x 230(L) mm <main unit>  
 360 x 470 x 170 mm <including aluminium carrying case>

Weight 3.5 Kg (main unit)  
 5.5 Kg (including aluminium carry case)

Hazardous Area Approval ATEX pending  
 Ex II 2G, EExd IIB T5 (50°C), IP67

Warranty 1 year

