

## Rechargeable Test Lamp for FlameGard 5 Flame Detectors

### Description

The FlameGard 5 Test Lamp is a battery operated, rechargeable test lamp specifically designed to test MSA's FlameGard 5 MSIR, UV/IR, UV/IR-H2, and UV/IR-E Flame Detectors. The test lamp provides a high-energy, broadband radiation source that emits sufficient energy in both the ultraviolet and infrared spectra to activate UV and/or IR flame detectors. To simulate a fire, the test lamp automatically flashes at various selectable rates.

The FlameGard 5 Test Lamp is designed for use in hazardous areas. It runs on internal nickelmetal hydride batteries which, when fully charged, allow continuous operation for at least 45 minutes. An internal circuit prevents operation when the battery charge is low.

A variety of flashing test patterns, selectable through a rotary switch, allows the test lamp to check the operation of FlameGard 5 Flame Detectors. When the specific flashing pattern for a given type of flame detector is appropriately selected, the test lamp triggers the alarm or test mode.



### Features & Benefits

- Rechargeable/replaceable battery provides an extended product life
- Easy grip handle integral with housing is easy to use
- Battery charger status indicator simplifies maintenance
- Explosion proof cast aluminum housing
- Microcontroller monitors all operations

System Specifications	
<b>Output Spectrum</b>	Broadband emissions in UV, visible and IR spectra
<b>Charging Time</b>	3.5 hours max.
<b>Charger Input</b>	110 –240 VAC, 50/60 Hz, 1.5A
<b>Charger Output</b>	24 VDC @ 2.1A
<b>Classification</b>	Class I, Division 1 & 2, Groups C, D; II 2G Ex d IIB+H <sub>2</sub>
<b>Warranty</b>	Two years
<b>Approvals</b>	ATEX, CE marking, CSA

Environmental Specifications	
<b>Operating Temperature Range</b>	-15 °C to +50 °C (5 °F to +122 °F)
<b>Operating Humidity Range</b>	0–90% ±3% RH, non-condensing
Mechanical Specifications	
<b>Length</b>	330 mm (13 inches)
<b>Diameter</b>	127 mm (5 inches)
<b>Weight</b>	3.5 kg (7.9 lbs)
Ordering Information	
<b>FlameGard 5 MSIR Test Lamp</b>	5TL-02
<b>FlameGard 5 UV/IR Test Lamp</b>	5TL-12

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For contact details of your local MSA affiliate, please visit our website.