

# FlameSpec™ FVU-KIT

## Field of View Capture Tool

There is often a project requirement to validate the flame detectors field of view per the performance based mapping study.

Until now manufacturers have used a laser and test holder arrangement to trace out the field of view. This has challenges as the laser light can be difficult to see in bright conditions and checking the field of view is time consuming and gives no permanent coverage record.

FlameSpec™ FlameView cuts down the time to capture the detectors operating field of view from tens of minutes per device to just a couple of minutes by taking a image of the field of view upon which the detection coverage is automatically superimposed based on fuel type, sensitivity and fire size.

This tag specific, permanently captured record can be used for routine installation comparisons, to validate coverage, per site requirements.

## Key Benefits

- Compatible with all FlameSpec™ detectors, standard & HD.
- Compatible with Wi-Fi enabled portable devices.
- Captures permanent record of detector field of view, by tag.
- PDF report can be automatically generated by tag.
- Lightweight and simple to use.
- Easy to transport, includes carrying strap, protective storage case, battery charger and operating instructions.
- Batteries (3 x lithium ion) can be sourced locally thereby minimizing costs of dangerous goods shipment.
- Tether strap to ensure FlameView is secure against accidental release.



FlameSpec™ Flame-View provides a fast and accurate record of detector coverage.

# FlameSpec™ FSIM

## Flame Simulator Family

<b>ELECTRICAL SPECIFICATIONS</b>	<b>Quantity &amp; Battery Type</b>	3 x 3.7V Type 18650 Rechargeable batteries required, not included.
	<b>Hours of Use Between Charging</b>	24
	<b>Battery Capacity, mAh</b>	3200 to 3500 mAh optimal
	<b>Charging Time, Hours</b>	Up to 8
	<b>Indication</b>	Colored LEDs (Green, Yellow, Blue, Red)
<b>MECHANICAL SPECIFICATIONS</b>	<b>FlameView™ Size</b>	4.65 x 2.5" (Dia 118 x 63 mm)
	<b>FlameView™ Weight</b>	1.4 lbs. (0.6 kg)
	<b>FlameView Enclosure Material</b>	Anodized Aluminum LM25
	<b>Carry Case Size</b>	19.3 x 15.75 x 8.7" (490 x 400 x 220 mm)
	<b>Carry Case Weight</b>	8.1 lbs. (3.7 kg)
<b>ENVIRONMENTAL SPECIFICATIONS</b>	<b>Temperature Range</b>	Designed to IP54
	<b>Humidity</b>	Up to 99% (RH), non-condensing
	<b>Operating Temperature</b>	Min: -4°F (-20°C) Max: +122°F (+50°C)
<b>APPROVALS</b>	<b>Explosion Proof</b>	Not certified, requires hot work permit if site is live
	<b>Electromagnetic</b>	FCC & CE marked
<b>ACCESSORIES Included in kits</b>	<b>Carry Case</b>	FLS-FSM-CASE (INSERT NOT INCLUDED)
	<b>Carry Case Insert</b>	FLS-FVU-C00
	<b>Carrying Strap</b>	FLS-FSIM-STRAP
	<b>Standard Detector Adapter</b>	FLS-FVU-S01
	<b>HD Detector Adapter</b>	FLS-FVU-S02
	<b>FlameView Assembly</b>	FLS-FVU-A00
	<b>Allen Key</b>	FLS-FVU-ALLEN
	<b>Battery Charger</b>	FLS-FVU-CHRGR
<b>WARRANTY</b>	<b>2 years</b>	