

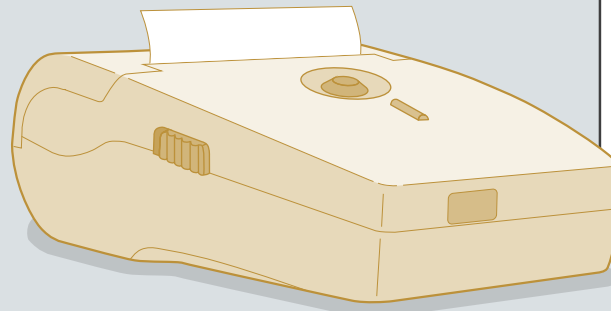


# SFExplorIR™

## Sulfuryl Fluoride Clearance Monitor

A rugged, portable non-dispersive infrared (NDIR) monitor for clearance of sulfuryl fluoride structural and commodity fumigations.

The SFExplorIR is a continuous-motion, continuous-read monitor with an integrated battery pack and bright backlit LCD diagnostic display of 0.1 ppm resolution. Continuous sensor validation (P,T,V) assures accurate readings. An audible alarm indicates 5ppm sulfuryl fluoride levels. Data logging of last 200 readings and downloading to optional thermal printer.



LOG DATA

DATE	TIME	g/MF	
01/10/13	11:34	55.2g/MF	0001 of 194
01/10/13	11:35	54.7g/MF	0002 of 194
01/10/13	11:36	54.4g/MF	0003 of 194
01/10/13	11:37	55.1g/MF	0004 of 194
01/10/13	11:38	54.9g/MF	0005 of 194
01/10/13	11:39	54.9g/MF	0006 of 194
01/10/13	11:40	54.8g/MF	0007 of 194
01/10/13	11:41	55.2g/MF	0008 of 194
01/10/13	11:43	55.2g/MF	0009 of 194
01/10/13	11:44	54.8g/MF	0010 of 194
01/10/13	11:45	55.2g/MF	0011 of 194
01/10/13	11:46	55.2g/MF	0012 of 194
01/10/13	11:47	54.8g/MF	0013 of 194
01/10/13	11:48	55.2g/MF	0014 of 194
01/10/13	11:49	54.7g/MF	0015 of 194
01/10/13	11:50	55.2g/MF	0016 of 194
01/10/13	11:51	55.2g/MF	0017 of 194
01/10/13	11:52	54.8g/MF	0018 of 194
01/10/13	11:53	55.2g/MF	0019 of 194
01/10/13	11:54	55.2g/MF	0020 of 194
01/10/13	11:55	54.7g/MF	0021 of 194
01/10/13	11:56	55.2g/MF	0022 of 194
01/10/13	11:57	54.8g/MF	0023 of 194
01/10/13	11:58	55.2g/MF	0024 of 194
01/10/13	11:59	54.7g/MF	0025 of 194
01/10/13	12:00	55.2g/MF	0026 of 194
01/10/13	12:01	55.2g/MF	0027 of 194
01/10/13	12:02	55.2g/MF	0028 of 194
01/10/13	12:04	55.2g/MF	0029 of 194
01/10/13	12:05	55.2g/MF	0030 of 194
01/10/13	12:06	55.2g/MF	0031 of 194
01/10/13	12:07	55.2g/MF	0032 of 194
01/10/13	12:08	55.2g/MF	0033 of 194

Thermal Printer: Concentration, time/date stamp printout available

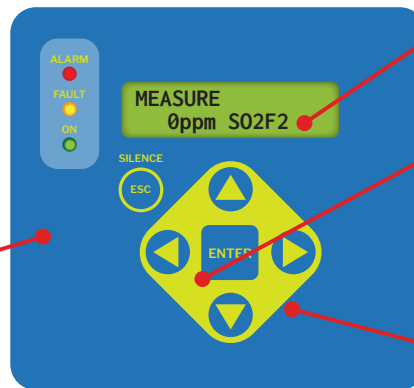


## SFExplorIR Sulfuryl Fluoride Clearance Monitor

### INDICATOR LIGHTS:

Alarm, System Fault and Monitor On (flashes during warm-up)

**SILENCE /ESC** – temporarily silence the audible alarm OR return to the previous screen without saving data



**DISPLAY SCREEN** – Backlit LCD

**ENTER** – Control/Setup Menu Mode: press to save values

**KEYPAD** – Control/Setup Menu Mode: Move the arrow  $\blacktriangleright$  on the display screen to the desired function, scroll through data, or change a function's value

### Gas Specifications

Product Type	Portable sulfuryl fluoride (SO <sub>2</sub> F <sub>2</sub> ) clearance monitor
Measuring Range	0 to 100 ppm
Detector Type	Non-Dispersive Infrared (NDIR)
Accuracy	< 1 ppm (minimum)

### Interface

Display	bright, back-lit LCD & 3 indicator lights
Audible Alarm	Internal audible alarm factory set (5 ppm)

### Electronics Specifications

Response Time	90% of response within 5 seconds; 100% in 7 seconds
Warm-up Time	15 minutes
Operating Time	30 plus minutes before the purge-air bag needs refilling
Power	DC power pack, provides at least 8 hours of operation
Power Consumption	15 Watts

### Physical Specifications

System Noise	Less than 40dB(A) at 10 ft (3 m)
Operating Temp	32° - 122°F (0 - 50°C)
Ambient Humidity	5% to 90% RH (non-condensing)
Altitude Limit	6,562 ft (2,000 m)
Size/Weight	8" D x 19" L x 5" W (203 x 483 x 127 mm)/ Less than 9 lbs (4 kg) w/battery
Valid Calibration Period	1 Year
Warranty	1 Year from date of shipment. Battery @ 6 months