



# SM70 Fixed Monitor

With an integrated LCD display, audible alarm, relay outputs, and a choice of sensor ranges in both ozone and VOC gases – the SM70 offers unbeatable value for industrial and indoor gas monitoring.

Benefitting from the accuracy of proprietary GSS sensors, our customers use the SM70 in many indoor and industrial applications including: leak detection, health and safety monitoring, and process control.

## Features

- Large format digital display
- Replaceable GSS sensors
- External control outputs
- High and low alarms
- Power adaptor/charger included

## Benefits

- Plug and play monitor
- Real-time gas concentrations shown continuously on display
- Multiple outputs for control of external devices e.g. an ozone generator
- Alarm options to signal gas exceedences for health and safety
- Active sampling for improved accuracy
- Replaceable gas sensor board which can be sent back for recalibration
- Compatible with two ranges of VOC or ozone sensor

## Applications

- Leak detection
- Health and safety monitoring
- Industrial Process control
- Indoor air quality monitoring

## Specifications

Sensor type	Analytic GSS Technology® Gas Sensitive Semiconductor
Sensor specifications	Available with ozone or VOC sensors in various ranges. Please contact Advanced Ozone Products Ltd. for further details
Sampling method	Active sampling
Operational mode	Continuous Control or Alarm
Relay activation (factory firmware)	AA – above set point, AB – below set point, C10 – control $\pm 10\%$ of set point
Operational temperature	0°C to 40°C
Operational relative humidity	10% to 90% non-condensing
Warm up time	10 minutes
Display	3.5 digit LCD
Relay set point	User configurable
Digital output	RS 232 and RS 485
Analog output	0-5 VDC (8 bit)
Relay output	24 V; 5A (max.)
Buzzer alarm (optional)	Internal piezo 85db @ 30 cm
Power supply	12 VDC; 800mA; Plug-in AC power adaptor supplied
Operating environment	-5 to 50°C   5 to 95% RH (non condensing)
Enclosure rating	IP20 & NEMA 1 equivalent
Enclosure dimensions	130 W x 94 H x 57 D (mm); 5 1/8 W x 3 3/4 H x 2 1/4 D (in)
Enclosure casing	Flame resistant thermoplastic PS
Enclosure mounting	Screw fix
Weight	<270g; 9.5oz (excludes AC power adaptor)
Approvals	Part 15 of FCC Rules, EN 61000-6-3: 200, EN 61000-6-1: 2001

