

Single Gas Detector : SP2nd



The SP2nd Single Gas Detector is a rugged, compact single gas personal monitor designed for use in the toughest environments. Its stunningly compact and lightweight design makes it ideal for use in all industries. SP2nd is a maintainable monitor and is available for hydrogen sulphide (H₂S), carbon monoxide (CO), Ammonia (NH₃), Hydrogen (H₂), Sulphur dioxide (SO₂), or oxygen (O₂). Weighing just 120g, it is extremely durable, with high impact resistance and dust/water ingress protection, loud 90 dB alarms, a vivid red visual warning, single-button control and an easy-to-read, backlit LCD display to ensure clear viewing of gas level readings, alarm conditions and battery life. Event logging is available as standard.

Model	SP2nd					
	O2	CO	SO2	H2	H2S	NH3
Measuring range	0~30%Vol	0~500ppm	0~50ppm	0~1000ppm	0~100ppm	0~100ppm
Sensor life time	2 year	> 2 year	> 2 year	> 2 year	> 2 year	> 2 year
Resolution	0.1%VOL	1ppm	0.1ppm	5ppm	1ppm	1ppm
Parameter Control	User Selectable					
Display	LCD Display (Back-light)					
Alarm display	RED, Flashing LEDs(Light-Emitting Diode) with Vibration alarm					
Alarm level set	User Selectable					
Data Log	20 most recent events					
Ingress Protection	IP66/IP67					
Operating temperature	-40°C to +50°C -35°C to +50°C (for O2)					
Operating humidity	5% to 95% RH(Non-condensing)					
Battery	3V Lithium CR2 battery					
Material	Ruggedised rubber					
Dimensions	54(W) x 91(H) 32(D)mm					
Weight	120g					
Approval	ATEX Ex ia IIC T4					
Warranty/Life	2years warranty unlimited life					