

**SAVIOUR<sup>®</sup>**

Performing PPE



## SAVIOUR ADVANCED GAS COMPACT

Model No.: GDSAV- K60

[www.suresafety.com](http://www.suresafety.com)

**Sure<sup>TM</sup>  
Safety**  
Complete Safety Solutions

Saviour Advanced Gas Compact

The Saviour 'Advanced Gas Compact offers advanced gas detection capabilities for various industrial applications. With a focus on reliability, efficiency, and user-friendliness, this detector is designed to provide accurate gas monitoring to ensure workplace safety.



TECHNICAL SPECIFICATIONS	
Sensor Service Life	• 2 years
Operating Voltage	3V lithium battery
Display	LCD display
Alarm Buzzer	90dB
Alarm Mode	Acousto-optic
Ambient Temperature	-20°C to +50°C
Relative Humidity	15% to 90% RH (non-condensation)
Material	ABS, slip silicone
Detecting Method	Diffusion
Dimensions	109×56×38mm
Explosion-proof Grade	ExdII Ct3
Weight	120g
Package	Carton

APPLICATION
<ul style="list-style-type: none"><li>• Safety Monitoring</li><li>• Emergency Response</li><li>• Process Control</li><li>• Confined Space Entry</li></ul>

ADVANTAGES
<ul style="list-style-type: none"><li>• <b>Portability:</b> Compact and lightweight design for easy handling.</li><li>• <b>Versatility:</b> Detect specific gases, providing targeted safety measures.</li><li>• <b>Ease of Use:</b> Simple operation with clear alarms for immediate action.</li><li>• <b>Reliability:</b> High-quality sensors ensure accurate and consistent readings.</li><li>• <b>Safety:</b> Enhances workplace safety by alerting to the presence of hazardous gases.</li><li>• <b>Cost-Effective:</b> Affordable solution for monitoring gas levels in various environments.</li></ul>

KEY HIGHLIGHTS
<ul style="list-style-type: none"><li>• Imported world famous sensors with high sensitivity</li><li>• Lightweight and compact design (less than 120 g), easy to operate</li><li>• Bright red flashing visual alarm</li><li>• 90 dB audible vibration alarm</li><li>• Excellent built-in vibration alarm, ideal for environments with high ambient noises</li><li>• Sturdy, concussion-proof protective design for normal working in harsh environments</li><li>• 3.0 V lithium battery, continuously working for about 24 months (non-alarming state)</li><li>• 2+2 digits LCD display showing gas concentration in real time.</li></ul>

## CUSTOMIZED GAS RANGE

Gas Types	Detection range	Response Time	Resolution	Alarm Values
O2	0-25%vol/30%vol	T90≤20s	0.1%vol	18.0%vol/23.0%vol
LEL	0-100%LEL	T90≤30s	1%LEL	25.0%LEL/50.0%LEL
CO	0-1000 ppm/2000ppm	T90≤30s	1 ppm	50ppm/100ppm
H2S	0-200 ppm	T90≤30s	0.1 ppm	10ppm/20ppm
So2	0-200ppm	T90≤30s	0.1 ppm	2 ppm /10 ppm
Cl2	0-20 ppm	T90≤30s	0.1 ppm	1 ppm /10 ppm
Nh3	0-100ppm/2000ppm	T90≤50s	1 ppm	25 ppm /50 ppm
No2	0-200ppm	T90≤25s	0.1 ppm	3 ppm /10 ppm
NO	0-1000 ppm	T90≤50s	1 ppm	25 ppm /50 ppm
O3	0-1ppm/10ppm	T90≤30s	0.1ppm	0.3ppm/5ppm
Ph3	0-10ppm	T90≤60s	0.1ppm	0.3ppm/5ppm
H2	0-2000ppm/4%vol	T90≤50s	1 ppm	50ppm /100ppm
HF	0-10ppm	T90≤50s	0.1ppm	3ppm /10ppm
HCL	0-30ppm/200ppm	T90≤50s	0.1 ppm	5ppm /10ppm
HCN	0-200ppm	T90≤200s	0.1ppm	10 ppm /20 ppm
CH4 (IR)	0-5.00%vol	T90≤60s	0.01%vol	1.00%vol/2.00%vol
VOCs	0-1999ppm	T90≤20s	0.1ppm	1000ppm/1500ppm
CO2(IR)	0-5.00%vol (0-1%vol)	T90≤60s	0.01%vol (0.001%vol)	1.00%vol/2.00%vol (customize)
C3H8(IR)	0-5.00%vol	T90≤60s	0.01%Vol	1.00%vol/2.00%vol
C2H4	0-100ppm	T90≤60s	0.1ppm	10ppm/20ppm
C2H4	0-100ppm	T90≤60s	0.1ppm	10ppm/20ppm

## CERTIFICATION

- Electromagnetic Compatibility 2014/30/EU EN 61326-1:2013
- Tested by notified body

EXPLORE MORE AT: [WWW.SURESAFETY.COM](http://WWW.SURESAFETY.COM)

DISCLAIMER: Manufacturer will not be responsible for any mishandling and wrong usage of the product shown picture is just for representative purposes only, actual product may differ.