Safewill Portable Multi-Gas Detector

Go the distance, and save.

Safewill ES30A is the smart,simple,economical way to compliance. Workers feel safe and incidents are minimized so everyone will be able to do more.That means savings realized from business continuity and productivity. With the addition of ES30A, this multi-gas detector offers continuous visual confirmation of detector operation and compliance.

- Minimize costs and training with three-button operation
- Diffuse sampling technology can obtain accurate sampling
- results Compact, comfortable, portable,be sturdy and durable

Intelligent diffusion type sampling, portable operation

It is easy to wear, slim and compact Gas detector ES30A Clip provides affordable protection from atmospheric gas hazards. For standard operation with features you can count on, For extended battery life, especially in cold weather, choose the Gas detector ES30A.

O$_2$	Oxygen
CO	Carbon Monoxide
H$_2$S	Hydrogen Sulfide
LEL	Combustible Gases

FEATURES & BENEFITS

- Diffusion sampling with reliable diaphragm technology
- Chinese and English are supported as standard, and other languages can be customized.
- Default 4 gases: oxygen, carbon monoxide, H2S and LEL, others can be purchased.

- Triple alarm function of sound, light and vibration
- Trend chart function display, view the recent data change trend.
- A variety of color choices, orange by default, others can be customized.

- TFT color LCD display, clear screen.
- Restore factory settings to prevent misoperation.
- Users can form two-in-one, three-in-one and four-in-one gas detectors according to the gas they need to detect.

- 1000 alarm records and inquiries
- LED lighting and prompting function

- Support icon text dual menu interface
- Small and light design, easy to carry.

Safewill ES30A Technical Specifications

TECHNICAL SPECIFICATIONS	
SIZE	123.88X65x50.7mm
WEIGHT	6.42oz / 182g
TEMPERATURE RANGE	-20 ~+50 (special requirements need to be customized)
HUMIDITY RANGE	10-95% RH (no condensation)
PRESSURE RANGE	86-106Kpa
SELF-TEST	Audible/visual alarms on activation, sensors, battery, circuitry
ALARMS AND TYPE	Visual, vibrating, audible ; Low, High, TWA, STEL, OL (over limit), Low Battery
BATTERY CAPACITY	1500mA lithium battery
NOMINAL VOLTAGE	3.7VDC
(BATTERY) CHARGER	USB supply electricity DC5V
CHARGING TIME	6hours
WORKING HOURS	8 hours (at room temperature, no alarm)
POWER CONSUMPTION	0.7W
DEGREE OF ACCURACY	± 3%F.S
RESPONSE TIME	T90<30S
CERTIFICATIONS AND APPROVALS	CE FC SIL RoHS ATEX ⟨Ex⟩ II 2G Ex ib IIB T3 Gb Tamb -20 to 50° C IP65
WARRANTY	Full one year warranty

SENSOR SPECIFICATIONS		
GASES	STANDARD MEASURING RANGE	RESOLUTION
OXYGEN(O2)	0-30%VOL	0.1%VOL
CARBON MONOXIDE(CO)	0-500ppm	1ppm
HYDROGEN SULFIDE(H2S)	0-100ppm	1ppm
COMBUSTIBLE GASES(LEL)	0-100%LEL	1%LEL

Alarm setpoints for all sensors are user adjustable. Setpoint are automatically displayed during instrument start-up.

PRODUCT DETAIL DISPLAY

LED lighting and prompting function
Provide a light in an emergency to show you the location of the gas detector in the dark.

TFT color LCD display, clear screen
Three-button operation

Back clamp of product
Easy and portable, clipped to the body
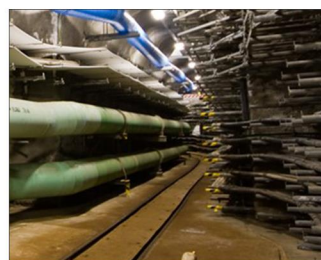
APPLICATION SCENARIOS

Mine Mining

Underground Tunnel

Underground Pipe Gallery

Underground Pipe

Wine Cellar

Gas Pipeline

Petrochemical Industry

Chemical Workshop

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