# **Portable Multi-Gas Detector**

### Your safety is our top priority

ES30P 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 ES30P, this multi-gas detector offers continuous visual confirmation of detector operation and compliance.

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

#### **ES30P Product Description**

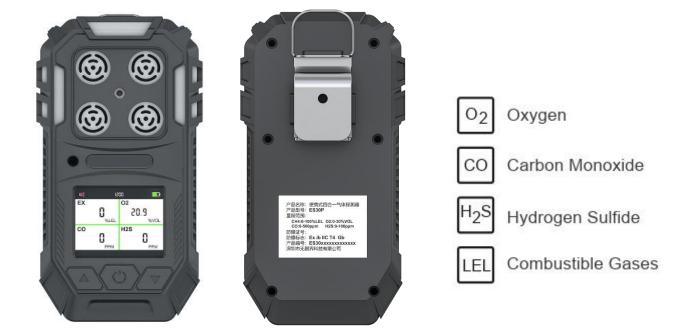
ES30P adopts a 32-bit microprocessor, TFT color LCD screen display, 3 key operation, buzzer, vibration motor, alarm lights constitute a very good human-computer interaction experience. It has the characteristics of stable and reliable system, rich display content, clear and beautiful, convenient and simple operation and fast response speed. A wide range of gases can be detected at the same time, and the gas type can be flexibly configured according to the customer needs.





dimension: 119.6\*60\*44mm(L\*W\*H)

| Keys. | Defined.   |  |
|-------|--|--|
|       | "Upper key" select the key and interface display switch. |  |
| •     | Lower key: Select and adjust.                            |  |
| M/O   | Menu/Power Keys Switch and OK Keys.                      |  |



#### **FEATURES & BENEFITS**

- Diffusion sampling with reliable diaphragm technology
- Chinese and English are supported as standard, and other languages can be customized
- $\boldsymbol{\cdot}$  Default 4 gases: oxygen, carbon monoxide,
- H2S and LEL, others can be purchased.
- $\cdot$  Triple alarm function of sound, light and vibration
- TFT color LCD display clear screen.
- $\cdot$  Trend chart function display, view the recent data change trend.
- $\cdot$  A variety of color choices, can be customized.
- $\boldsymbol{\cdot}$  Small and light design, easy to carry.
- Restore factory settings to prevent misoperation.
- 1000 alarm records and inquiries
- LED lighting and prompting function
- Support icon text dual menu interface

· Users can form two-in-one, three-in-one and four-in-one gas detectors according to the gas they need to detect.

## Safewil ES30P Technical Specification

| TECHNICAL SPECIFICATIONS                           |   |  |  |
|--|---|--|--|
| Size   | 119.6*60*44MM(L*W*H)                                    |  |  |
| Weight   | About 182g  |  |  |
| Temperature range                                  | -20°C ~ +50°C   |  |  |
| Working Humidity                                   | 95% RH, no condensation;                                |  |  |
| Pressure range                                     | 86kpa~106kpa  |  |  |
| Alarms and type                                    | Sound and light alarm, vibration alarm, sound 65dB@25cm |  |  |
| Showed   | %VOL、%LEL、ppm、mg/m3;                                    |  |  |
| Detection principle                                | Electrochemical, catalytic combustion;                  |  |  |
| Battery Capacity                                   | 2000mA lithium battery                                  |  |  |
| Accuracy   | ≤±3%F.S   |  |  |
| Response time                                      | 90 seconds;   |  |  |
| Working hours ≥10h (25°C, no alarm, backlight off) |   |  |  |
| Charging time                                      | 6h  |  |  |
| Certifications and approvals                       | II 1G Ex ia IIC T4 Ga ;                                 |  |  |
|  | II 1D Ex ia IIIC T135°C Da                              |  |  |
|  | Tamb= -20°Cto+50°C                                      |  |  |
| Warranty   | One year warranty                                       |  |  |

| SENSOR SPECIFICATIONS  |           |            |  |
|------------------------|-----------|------------|--|
| GASES                  | STANDARD  | RESOLUTION |  |
|                        | MEASURING |            |  |
|                        | RANGE     |            |  |
| Carbon Monoxide (CO)   | 0-500ppm  | 1ppm       |  |
| Hydrogen Sulfide(H2S)  | 0-100ppm  | 1ppm       |  |
| Oxygen (02)            | 0-30%VOL  | 0.1%VOL    |  |
| COMBUSTIBLE GASES(LEL) | 0-100%VOL | 1%LEL      |  |

\*The above gas selection table is only a partial display, if you need a detailed gas selection

table, please contact us.

\*Alarm setpoints for all sensors are user adjustable. Setpoint are automatically displayed

during instrument start-up.