Multi Gas Detector

E6000 Portable Multi-gas Detector (6 gases maximum)

FEATURES
- Interchangeable smart sensor module
- Intrinsically safe
- MOS, catalytic, electrochemical, infrared, PID sensors selectable
- Built-in sampling pump (optional)
- Visual, audible and vibrative alarm
- Adjustable alarm levels and span calibration value
- STEL and TWA alarm for toxic gases
- Password management
- Real-time clock
- Self-test after power on
- Self-diagnostic and self-correction function
- GPS, GPRS and man down function (optional)

APPLICATION
Steelworks, petrochemical plant, oil industry, shipbuilding yard, sewage treatment plant, mine, power supply works, confined spaces etc.

E6000 is a united gas detector measuring maximum six (6) gases, to protect the disasters caused by the O2 deficiency, toxic gas poisoning and combustible gas explosion. It measures continuously maximum six gases of combustible gas, O2 and toxic gases, and displays their concentrations. Once the risk occurs, it also raises the alarm (visual, audible and vibrative). By adopting interchangeable smart sensor module, it can be made for detecting 5 gases and 6 gases.

APPEARANCE

1. Buzzer holes
2. Sensors
3. Display screen
4. Power button
5. Alarm light
6. Function buttons
7. Alarm light

SPECIFICATIONS
Note: For detecting other gases, please refer to our gas list.

| Measuring gas | O2 | CO | H2S | Combustible | Working temperature | Toxic gases: -20°C ~ 50°C
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</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>0-30%VOL</td>
<td>0-1000ppm</td>
<td>0-100ppm</td>
<td>0-100%LEL</td>
<td>Combustible: -40°C ~ 70°C</td>
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<tr>
<td>Sensor type</td>
<td>Electrochemical</td>
<td>Catalytic</td>
<td>Working in humidity</td>
<td>&lt;95%RH (no condensation)</td>
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<tr>
<td>Measuring type</td>
<td>Diffuse naturally (pump sampling if pump is selected)</td>
<td>Housing</td>
<td>Rubber enclosure</td>
<td></td>
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<tr>
<td>Response time</td>
<td>$T_r&lt;30s$</td>
<td>Standard accessories</td>
<td>Operation manual, calibration cap, charger, screwdriver, USB cable</td>
<td></td>
<td></td>
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<tr>
<td>Audible</td>
<td>$\geq 80dB$ at 1m</td>
<td>Dimension</td>
<td>168mm<em>91mm</em>45mm</td>
<td></td>
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<tr>
<td>Alarm method</td>
<td>Visual, audible and vibrative signals</td>
<td>Weight</td>
<td>About 500g</td>
<td></td>
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<tr>
<td>Battery</td>
<td>DC3.7V 6600mAh Lithium battery</td>
<td>Ingress protection</td>
<td>IP66</td>
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<tr>
<td>Operating life</td>
<td>8 to 300h (depends on the gas integration)</td>
<td>Ex grade</td>
<td>Ex ia IIC T4 Gb</td>
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<tr>
<td>Event log</td>
<td>100,000 events</td>
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