## SENSOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>Gas</th>
<th>Measuring range</th>
<th>Resolution</th>
<th>Accuracy</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O2</td>
<td>0-40% Vol.</td>
<td>0.1% Vol.</td>
<td>±0.5% of O2</td>
<td>HCN</td>
<td>0-15 ppm</td>
<td>0.1 ppm</td>
<td>±10% of reading or ±5% of full scale</td>
</tr>
<tr>
<td>Combustibles</td>
<td>0-100% LEL</td>
<td>1% LEL</td>
<td>±5% of reading or ±2% LEL</td>
<td>NO2</td>
<td>0-9 ppm</td>
<td>0.05 ppm</td>
<td></td>
</tr>
<tr>
<td>CO</td>
<td>0-500 ppm</td>
<td>1ppm</td>
<td>±5% of reading or ±5 ppm</td>
<td>CO2 (IR)</td>
<td>0-10,000 ppm</td>
<td>25 ppm</td>
<td>±5% of reading or ±2% of full scale</td>
</tr>
<tr>
<td>H2S</td>
<td>0-100 ppm</td>
<td>0.5 ppm</td>
<td>±5% of reading or ±2 ppm</td>
<td>CH4 (IR)</td>
<td>0-100% LEL</td>
<td>25 ppm</td>
<td>Vol. 1% LEL / 0.5% Vol.</td>
</tr>
<tr>
<td>NH3</td>
<td>0-400 ppm</td>
<td>5 ppm</td>
<td>±10% of reading or ±5% of full scale</td>
<td>Hydrocarbons (IR)</td>
<td>0-100% LEL</td>
<td>0-30% Vol.</td>
<td></td>
</tr>
<tr>
<td>CL2</td>
<td>0-10 ppm</td>
<td>0.1 ppm</td>
<td></td>
<td>VOC’s (PID)</td>
<td>0-50,000ppb</td>
<td>0-6000 ppm</td>
<td>±5% of full scale</td>
</tr>
<tr>
<td>SO2</td>
<td>0-6 ppm</td>
<td>0.05 ppm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Size
20 x 6.8 x 5.2 cm / 7.8 x 2.6 x 2 in.

### Weight
400g / 14oz with lithium battery pack

### Temperature
-20 to +50°C / -4 to +122°F

### Humidity
0% - 95% RH (non-condensing)

### Alarms
95dB at 1ft, Low, High, Man-down and Trouble

### Display
Digital LCD, auto backlight, peak bar display, auto display rotation and customize order of gases

### Ingress Protection
Dust and water resistant with IP67 approval

### Sample Method
Sample draw pump, flow rate 0.45LPM, 50n foot sample range

### Typical battery life
14 hours (Li-ion), complete recharge in 3 hours 8 hours (Alkaline)

### Standard Accessories
Rubber boot, belt clip, hand strap, tapper nozzle and probe with 3’ Teflon lined hose

### Standard Features
- 2 Smart sensor slots auto recognise changes
- User defined VOC list, up to 30 frequently used
- Pump and circuit status indicators
- User and station ID selection menu
- Data logging (interval, alarm trend, station & user ID)
- Snap logging – on demand data-logging
- Demand zero / Auto zero
- Bump and Cal expiration alarm
- Flashlight
- IrDA communication
- LEL sensor protection mode

### Optional Accessories
- SDM-6000 calibration station
- IrDA Cable
- Flexible probes and sample hoses (up to 40ft)

### Certifications and approvals
Explosion proof: IECEx, ATEX, TIIS (CSA pending)
Explosion class: Ex ia IIC T4 Ga
CE marking

### Warranty
Two years material (including sensors) and workmanship. One year for PID sensor

### Part No.
72-6XXXX