DIGITRON Pumping Gas Detector
Model:HLX2000-H2S

■ Characteristics

- ◆ **Employing original imported first-class brand sensor.**
- ◆ **High speed data transmission by USB, which can download and print data (optional).**
- ◆ **LCD dot matrix display, the gas type, unit, concentration, local time, can be showed on the screen.**
- ◆ **Support English operation.**
- ◆ **The gas concentration unit PPM and mg/m3 can be shifted quickly.**
- ◆ **Built-in micro sampling pump, 10 grades of suction are available.**
- ◆ **Explosion-proof certification, explosion-proof grade: Exia Ⅱ CT4**

■ Functions

- ◆ Monitor the specified gas concentration in environment and enclosed space and alarm.
- ◆ With Self-calibration and zero calibration functions, makes the detection more accurate and reliable.
- ◆ One press to restore factory setting, free from the bother of mis-operation
- ◆ With temperature and pressure compensation, this is able to realize gas concentration compensation under conditions of different temperatures or pressures.
- ◆ Two-stage alarm with sound and light, alarm point is settable.
- ◆ Rechargeable lithium polymer battery of large capacity.
- ◆ Employing pumping sampling method and the pumping suction is adjustable.
- ◆ Special engineering plastics housing of high intensity, anti-skipping, water-proof, dust-proof, explosion-proof.
- ◆ Elegant and exquisite aluminum alloy suitcase

■ Application

- ◆ Furniture, floor, wallpaper, coating, gardening, interior decoration and renovation, dyestuff, papermaking, pharmacy, health care, foodstuff, antiseptic.
- ◆ Disinfection, chemical fertilizer, resin, adhesive, pesticide, raw material, sample, technological process, livestock farm, refuse processing plant, perm place.
- ◆ Bio-pharmaceutical plant, green household, livestock breeding, green house cultivating, warehouse logistics, brewing and fermentation, agricultural production.

■ Specification

Gas Detected	H2S
Detection principle	Electrochemistry
Sampling Method	Pumping suction, flow rate can up to 1L/min, ten grades of pumping suction for selection.
Measure Range	0-100 ppm
Resolution	0.01ppm
Precision	According to sensor.

Signal Output	High-speed data transmission by USB, available for data downloading and printing (optional)		
Response Time	≤10S	Recovery Time	≤10S
Repeatability	≤±1%	Linearity error	≤±1%
Zero shift	≤±1%（F.S/year）	Display	LCD dot matrix display
Operating language	English	Gas unit	Units are switchable
Temperature	-40℃～70℃	Humidity	0-95%RH
Explosion-Proof	ExiaⅡCT4	Degree of protection	IP66
Alarm mode	Sound, light, vibration	Operating time	100h（pump off）
Dimensions	205*75*32mm	Weight	300g

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■ Specification

Gas Detected	O2, N2, CO2, EX, hazardous gas, VOC, etc.
Detection principle	Electrochemistry, infrared ray, catalytic combustion, PID photo ionization (according to the target gas and sensor).
Sampling Method	Pumping suction, flow rate can up to 1L/min, ten grades of pumping suction for selection.
Measure Range	The range is optional, according to the target gas and the sensor.
Resolution	According to sensor and measure range
Precision	According to sensor.

Signal Output	High-speed data transmission by USB, available for data downloading and printing (optional)		
Response Time	≤10S	Recovery Time	≤10S
Repeatability	≤±1%	Linearity error	≤±1%
Zero shift	≤±1%（F.S/year）	Display	LCD dot matrix display
Operating language	Chinese/English	Gas unit	Units are switchable
Temperature	-40℃～70℃	Humidity	0-95%RH
Explosion-Proof	ExiaⅡCT4	Degree of protection	IP66
Alarm mode	Sound, light, vibration	Operating time	100h（pump off）
Dimensions	205*75*32mm	Weight	300g

Pumping Gas Detector
Model:HLX2000Ex

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- ◆ **Employing original imported first-class brand sensor.**
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■ Specification

Gas Detected	CH4,EX,LPG, Other flammable gases.
Detection principle	Catalytic combustion
Sampling Method	Pumping suction, flow rate can up to 1L/min, ten grades of pumping suction for selection.
Measure Range	0-100% LEL
Resolution	1% LEL
Precision	0.1% LEL

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