

1)Selling points

- ☆☆ Handhold,ABS+PC plastic case,Industrial product, 2.4 inches LCD HD color screen
- ☆☆ **Pumping** built-in high-power pump
- ☆☆ Visual & audible alarm,low and high adjustable,90dB
- ☆☆ Temperature and humidity detection function(optional)
- ☆☆ Up to 30,800 to 123,200 groups data could be storage
- ☆☆ Can be exported to the computer to view historical data in a graph format or EXCEL format
- ☆☆ Up to **6 levels** target concentration(base on different sensors)
- ☆☆ **4000mA** high capacity polymer rechargeable battery
- ☆☆ IP rating:IP 66 Explosion proof: **Ex ia IIC T4 Ga**
- ☆☆ **Scalable handle**(Metal probe, approx 55cm, with 1.2m long silicone hose) is available

2)Pictures





3)Description

The GT-903-JM series gas detectors are the basic model of portable gas detectors. With import gas sensor and most advance nanometer semiconductor technology GT-903-JM series multifunctional gas detector can detect gases rapidly and precisely. It can be a single gas detector or 4-gases detector for LEL&O₂&H₂S&CO, and temperature and humidity detection function is also available if you need.

Gas concentrations and history data can be displayed in the 2.4 inches LCD HD color screen, User can save concentration data、 output data、 detect temperature and humidity level.

4)Features

- ◆ Can be single gas detector or 4-gases detector(LEL & H₂S & O₂ & CO)
- ◆ Three concentration units are available PPM,%VOL,mg/m³.
- ◆ Up to 30,800 to 123,200 groups data can be storage,user can view history data on the display and data output is available.
- ◆ With temperature and humidity detection,user can check temperature and humidity value in the environment or in the pipeline
- ◆ Four operation modes are optional:Detection mode,Storage mode,Display mode, Pumping mode.
- ◆ With high-power pump allow instrument working under tiny negative pressure condition,the reasonable flow chamber design ensures that sensors are not affected by the pressure.
- ◆ With over-voltage protection,overcharge protection,anti-electrostatic interference ,anti-magnetic-field interference
- ◆ All software automatic calibration, each kind of sensor can calibrate up to 6 target concentration values to ensure the accuracy and linearity of the entire measurement
- ◆ Chinese and English operation model are available,user-friendly.
- ◆ Ideally suited for a wide range of applications with its rugged,reliable,and easy-to use design.
- ◆ With temperature and humidity compensating function.With dust filter and dust-proof design allow instrument applies in all sorts of harsh conditions.

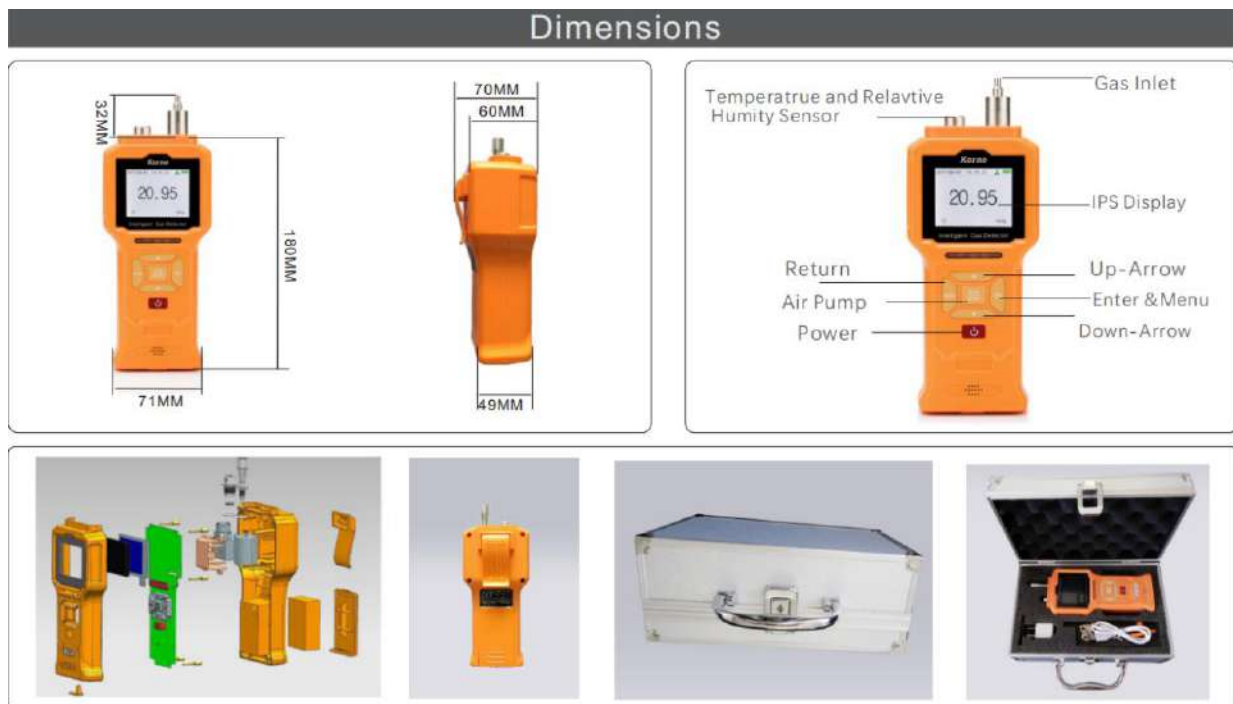
5)Specifications

Product type:	GT-903-JM(O ₂); Pump Suction Oxygen Gas Detector		
Sensor type:	Electrochemical gas sensor		
Detection Range:	0-10000PPM		
Resolution:	1PPM		
Temperature and humidity(Optional):	Temperature detection range:-40 ~ 120℃ Humidity detection range:0-100%RH		
Detection pattern: Sample Method:	Pumping,with built-in high-power pump allow device working under tiny negative pressure condition,the flow rate is 500ml/min.		
Detection Accuracy:	≤±3%F.S	Linearity Error:	≤±2%F.S
Reaction Time:	≤30 S (T90)	Zero drift:	≤±1% (F.S/Year)
Detection Method:	Real-time detection mode and timing detection mode,Cycle detection mode can be switch freely		
Storage Method:	Automatically saving and manually saving is available, Up to 30,800 to 123,200 groups data ,user can view history data on the display.		
Explosion Proof Sign:	Ex ia IIC T4 Ga	Shell Case material:	ABS+PC
IP rating:	IP66	Operating Temperature:	-30~60℃(-22~144°F)
Power:	4000mA high capacity polymer rechargeable battery	Operating Humidity:	≤90%RH, Non-condensing
Dimensions / Weight:	180*88*55 mm (L×W×H) 0.35 Kg (net weight)	Operating Pressure:	-30Kpa ~ 100Kpa
Standard Accessories:	-Portable aluminum Case -User manual -Certification -USB charger+Data cable(Need the user to prepare the charging adapter) -Calibration cover		
Optional Accessories:	-Temperature&humidity sensor -Vapor filter(external) -Hose -Scalable handle(Metal probe, approx 55cm, with 1.2m long silicone hose)		

6)Applications

Indoor air quality
 Confined Space Entry
 Sewage treatment plant
 Chemical plants
 Perimeter Monitoring
 Leak Detection
 Landfill Monitoring
 Shipbuilding facilities

7)Dimensions



8)Sensor list (Common gas)

O2	0-1000,5000,10000,30000PPM; 0-5,25,30,100%VOL	H2S	0-50,100,500,1000,2000,5000,10000PPM
CO	0-100,500,1000,2000PPM	EX	0-2,4%VOL; 0-100%LEL
NH3	0-50,100,500,1000,5000PPM	CO2	0-2000,5000,10000,50000PPM; 0-10,20%,50%, 100%VOL
SO2	0-1,10,20,50,100,500,1000,2000PPM	CH2O	0-10,20,50,100PPM
VOC	0-10,20,50,100,200,500,1000,2000,5000PPM	O3	0-1,2,5,10,20,50,100,500,1000,2000,5000PPM
NO	0-1,2,5,50,100,250,500,1000,2000,5000PPM	NO2	0-1,20,50,100,500,1000,2000PPM
CLO2	0-1,5,10,20,50PPM	H2	0-500,1000,5000,20000,40000PPM; 0-100%VOL
N2	0-100%VOL	CS2	0-50,100,500PPM
CH4	0-5000,10000,50000PPM; 0-20%,50%,100 %VOL	C2H2	0-100,500,1000,2000PPM; 0-2%VOL; 0-100%LEL
C2H4	0-10,50,100,200,500,1000,2000PPM	C2H6	0-5000,10000,30000PPM
C3H8	0-5000,10000,20000PPM; 0-20%,50%,100 %VOL	C4H10	0-5000,10000,20000PPM
HF	0-10,20,50PPM	PH3	0-5,20,50,100,500,1000,2000,4000PPM
HCN	0-30,50,100,500,1000PPM	HCL	0-10,20,50,100,200,500,1000,3000PPM
CL2	0-10,20,50,100,200,500,1000,2000,5000PPM	CH3Br	0-1,6,100%VOL; 0-200g/m3; 0-5000,10000,30000PPM
Ar	0-100%VOL	He	0-100%VOL
SF6	0-500,1000,2000PPM	ETO	0-10,20,50,100,500PPM; 0-3%VOL