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DM-7800 Air Ion Tester



Parameter

Battery capacity	5000mAh
Working humidity	10-90%RH
Screen	4.3 inch FTF Display
Interface	DC5.5X2.1mm
Input specification	5V/2.4A
Working temperature	-10°C to +50°C
Dimensions	18.6*11*4.1CM

DM7800 Детектор отрицательных ионов воздуха (кислорода)

Детектор используется для проверки всех видов крупных, средних и мелких ионов отрицательной полярности в воздухе, температуры и влажности, с высокой точностью, точным измерением, высокой чувствительностью, сильной адаптивностью к окружающей среде и длительным непрерывным временем работы. Тест на отрицательные ионы использует емкостный метод ингаляции для обнаружения отрицательных ионов в воздухе. Корпус изготовлен из высококачественного алюминиевого сплава, который долговечен и красив.

- * Поддержка 3,5-дюймового TFT-дисплея с большим экраном HD
- * Поддержка теста на отрицательные ионы
- * Диапазон теста на отрицательные ионы: от 0 до 90 000 000 шт./см³
- * Содержание теста: ИОН/PM2.5/PM1.0/PM10/НСНО (формальдегид)/температура/влажность
- * Диапазон теста PM2.5: (0-999 мкг/м³)
- * Диапазон теста НСНО: (0,001-1,999 мг/м³)
- * Встроенная литиевая батарея большой емкости
- * Поддержка отображения времени и даты

Тег: Детектор отрицательных ионов, Измеритель отрицательных ионов воздуха, Счетчик ионов кислорода, Детектор отрицательных ионов воздуха (кислорода), Обслуживание OEM/ODM

MS400-AQI Handheld Air Quality Monitor



Parameter

Technical Parameter	
Wind Speed	
Speed	0-60m/s
Monitoring Principle	Hall Principle
Precision	$\pm(0.3\pm0.03V)$ m/s
Distinguishing Rate	0.3 m/S
Starting Threshold Of Wind Velocity	≤ 0.6 m/s
Wind Direction	
Measuring Range	0-360°
Directions	16 ditections
Monitoring Principle	Hall Principle
Precision	$\pm 3^\circ$
Resolution	0.1°
Starting Threshold Of Wind Velocity	≤ 0.8 m/s
Response Time	<1S
Supply Voltage	DC12V-DC24V
Power Consumption	≤ 200 mW
Ambient Temperature	-20-80°C
Working Humidity	0-100 %RH
Others	
Display	2.31 inch color display
Battery	DC3, 4500mA rechargeable battery
Housing	Rubber Enclosure
Size	160x70x28mm
Weight	300g
EX grade	Ex ia IIC T6 Ga
Protection Level	IP65

PTM600-AQI5 Portable 5 in 1 Gas Detector



Parameter

Gases to be detected	NO, NO2, CO, CO2, O2
Resolution	0.001 PPM(0-1 PPM);0.01 PPM or 0.001 PPM(0~10 PPM);1 PPM or 0.1 PPM(0~1000 PPM); 1 PPM(0~1000 PPM);0.01mg/L(0~200%mg/L);0.1%LEL(0-100%LEL) other resolution can be customized
Detection principle	PID photoionization Depending on the type of gas, range, field environment and user demand, can be customized.
Allowable error	±2% F.S (other or higher precision levels can be customized)
Working environment	Temperature: -40 °C ~ + 70 °C Humidity: ≤10 ~ 95% RH
Power supply	3.6VDC, 10000mA high capacity rechargeable polymer battery
Detection mode	Built-in pump-suction type measurementFlow rate at 800 ml / min
Alarm mode	Sound & light alarm, vibration alarm, turning off the alarm.
Protection level	IP66
Exterior dimensions	230×210×120 mm (L×H×W)
Weight	2.5Kg

MS400-AQI 4 in 1 Gas Detector



Parameter

Measuring gas	Hydrogen sulfide (H2S) Chlorine(CL2) Oxygen (O2) LEL
Measuring range	H2S:0-100000ppm CO:0-10000ppm O2:0-100%Vol LEL:0-10000ppm

	and other ranges can be customized
Resolution	0.01 ppm 1 ppm 0.01 %Vol 0.1 %Vol Other resolution can be customized
Sensor type	Infrared Sensor Other Sensor:Laser , Electrochemical, Thermal conductivity, catalytic combustion, thermal conductivity, PID photoionization, and so on. Depending on the type of gas, range, field environment and user demand, Other sensors can be customized.
Measuring type	Built-in Pump suction
Response time	T90<30s
Display	2.31-inch high-definition color screen
Alarm method	sound & light alarm; vibration alarm; sound & light + vibration alarm; turning off the alarm
Battery	DC3.7V, 4500mA high capacity rechargeable polymer battery
Data storage	Standard capacity is 100, 000 entries
Working temperature	-40 °C ~ + 70 °C
Working humidity	≤10 ~ 95% RH
Housing	Rubber enclosure
Standard accessories	Manual, qualification certificate, warranty card, USB charger (including the data cable), belt clip, colorful packaging box (optional high-grade aluminum instrument case)
Dimension	160×70×28mm (L×W×H)
Weight	300g
Ex grade	Ex ia IIC T6 Ga Intrinsically safe type
Ingress protection	IP65

PTM600-AQI7 7 in 1 Gas Detector



Parameter

Gases to be detected	VOC, SO2, NO2, CO, NH3, HCN, H2S
Resolution	0.001 PPM(0-1 PPM);0.01 PPM or 0.001 PPM(0~10 PPM); 0.1 PPM or 0.01 PPM(0~100 PPM);1 PPM or 0.1 PPM(0~1000 PPM); 1 PPM(0~1000 PPM);0.01mg/L(0~200%mg/L);0.1%LEL(0-100%LEL);0.01%(0-100%VOL) other resolution can be customized
Detection principle	PID photoionization Depending on the type of gas, range, field environment and user demand, can be customized.

Allowable error	≤±2% F.S (other or higher precision levels can be customized)
Working environment	Temperature: -40 °C ~ + 70 °C Humidity: ≤10 ~ 95% RH
Sample gas temperature	-40 °C ~ + 70 °C, and the optional configuration of high-temperature sampling and cooling filter handle will be possible to detect the smoke gas at the temperature of 1300 °C.
Power supply	3.6VDC, 10000mA high capacity rechargeable polymer battery
Display mode	3.5-inch high-definition color screen
Detection mode	Built-in pump-suction type measurement Flow rate at 800 ml / min
Alarm mode	Sound & light alarm, vibration alarm, turning off the alarm.
Protection level	IP66
Explosion-proof type	Intrinsically safe type
Explosion-proof mark	Exia II CT6
Exterior dimensions	230×210×120 mm (L×H×W)
Weight	2.5Kg

PTM600-AQI Air Quality Monitoring System



Parameter

Detection factors	Detecting gases (standard): CO, SO2, NO2, O3, PM2.5/PM10
	CO : Detection range 0-10mg/m3, Resolution 0.001mg/m3, High-performance electrochemical sensors for environmental testing and analysis
	SO2 : Detection range 0-2500ug/m3, Resolution 1ug/m3, High-performance electrochemical sensors for environmental testing and analysis
	NO2 : Detection range 0-2000ug/m3, Resolution 1ug/m3, High-performance electrochemical sensors for environmental testing and analysis
	O3 : Detection range 0-2000ug/m3, Resolution 1ug/m3, High-performance electrochemical sensors for environmental testing and analysis
	PM2.5 : Testing range 0-1000ug/m3, Resolution 1ug/m3, Laser Principle
	PM10 : Testing range 0-1000ug/m3, Resolution 1ug/m3, Laser Principle
	Optional TVOC, NH3, CO2 and other gases and temperature and humidity, particulate matter, differential pressure, wind speed, etc. can be expanded to detect any 30 detection factors simultaneously.
	Detection method

Display method	3.5 inch 320*240 resolution large screen HD color display		
Display content	Real-time concentration, alarm, time, temperature, humidity, storage, communication, power, charging status, concentration unit, gas molecular formula, etc.		
Detection accuracy	≤±1% FS	Uncertainty	≤±1%
Linearity	≤±1%	Repeatability	≤±1%
Response time	T90≤20seconds	Recovery time	≤30seconds
Working power	DC3-5V (standard3.7VDC)		
Battery capacity	10800mAH rechargeable polymer battery with overcharge, overdischarge, overvoltage, short circuit and overheat protection		
Use environment	Temperature -40°C~+70°C; Relative humidity: 10-95%RH (non-condensing); Pressure: 80kPa-120kPa		
Communication Interface	Standard USB charging and communication (can be customized RS485), with charging protection function, support USB hot-swapping, support RS232 communication		
Data storage	Standard capacity of 100,000 (optional SD card expansion); support local view, delete or data export, storage time interval can be set arbitrarily		
Logging	Record calibration log, maintenance log, failure log, sensor life expiration reminder, next concentration calibration time reminder function.		
Interface language	Chinese or English can be set, default Chinese interface		
Explosion-proof type	Intrinsically safe Exia II CT4Ga		
Protection level	IP66, Rain and water splash proof, dust proof		
Housing material	Engineering plastic + 304 stainless steel + high strength, wear and corrosion resistant aluminum alloy		
External Dimension	255×210×125mm(L×H×W)	Weight	2.5Kg
Standard Accessories	Instruction manual, certificate of conformity, USB charger (including data cable), humidity dust filter 1		
	0.4m stainless steel sampling handle (with standard length 1m hose), high-grade aluminum alloy instrument case		
Optional Features	① Temperature detection: -40°C~+70°C Accuracy 0.5°C; Humidity detection: 0-100%RH Accuracy 3 %RH (while temperature compensation)		
	② Differential pressure detection, wind speed detection, fall alarm, GPS positioning, SOS one-touch call for help		
	③ Wireless data transmission: Bluetooth, WIFI, GPRS wireless transmission, free computer software / cloud platform / cell phone APP remote monitoring data		
	④ Optional internal integrated micro printer or external micro wireless Bluetooth printer		
	Print content: company name, gas name, date and time, ambient temperature and humidity, concentration data, test results (whether qualified)		
Optional accessories	⑤ Optional 16G or larger capacity SD card supports more than 100,000 data storage capacity		
	① 0.9m retractable sampling handle (1 - 10 m hose, standard length 1 m). ② Free uplink communication software (electronic documentation provided)		

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