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Zetron PTM600-AQI portable air quality monitor



Parameter

Gases to be detected	NO, NO2, CO, CO2, O2, H2S
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

MS800A Air Quality Monitoring Station



Parameter

Data Efficient Transmission Rate	≥95%
Remote Control	Support for remote setting
Interface	RS485/RS232 port, Network port
Transmission Network	Automatically and real-time upload data, optional 4G/GPRS/WIFI
Box Material	Q235 spray, Stainless box optional
Scaffold Material	Q235
Scaffold Height	Standard height is 4.5m, Flange connection(1m fixed underground, 2*1.5m+1*0.5m)
Lightning Arrester	Length 1m, Q235 Galvanized material
Working Environment	Temperature: -30~70°C Humidity: 10%RH~90%RH Pressure: 65~108Kpa
Protection Grade	IP65
Power Supply	AC220V/50Hz/Solar power (optional)

Zetron PTM100-AQ Air Quality Monitoring Analyzer



Parameter

Weight	3700g
Size	(H x W x D)260*230*120mm
Sensors	PM10:(0~1000)ug/m3,PM2.5:(0~1000)ug/m3,SO2:(0~500)ppb,NO2:(0~500)ppb,O3:(0~500)ppb,CO: (0~4000)ppb,TVOC: (0~2000)ppb, PM2.5/PM10 0-1000μg/m3,Temperature-40°C~+120°C,Humidity 0-100%RH
Detection principle	Electrochemical(CO, O2,NOx, SO2), Laser(PM2.5/10), Thermosensitive(Tem), Humidity Sensitivity(Hum)
Battery	Large capacity rechargeable lithium battery,5400mAh/11.1V(internal printer type)or 10000mAh/3.7V (external printer type)working hours are more than 32h with single gas and 24h with six gases together
Precision	≤±2%F.S. (higher precision is available)
Response Time	≤10S
Zero shift	≤±1%(F.S./year)
Display	Formula, gas concentration data, measurement trend curve, gas curve, battery, time. Optional: temperature, humidity, pump condition, wireless status, printer status
Temperature	-20°C~50°C
Humidity	0-95%RH (non-condensing)
Explosion-	Ex ic IIC T3 Gc

Proof	
Degree of protection	IP65
Screen	3.5-inch hd LCD screen with resolution 320* 480
Pump flow rate	10 grades adjustable, flow range: 0-500 cc/Min.
Alarm	Buzzer, red LED and alarm status on the display, fault alarm, pump abnormal alarm, low battery alarm
Data storage	Independent SD memory card, Max.32G, measurement data can be record automatically, customizable record time interval.
Approval	CE, CNEX explosion proof certificate, CMC(China Metrology Certification)
Warranty	12 months

Zetron MS800A-4 Environmental Air Quality Outdoor Monitor



Parameter

Parameter	Range	unit	Precision	Resolution	Configuration	Life-time
PM2.5	0-1000	ug/m3	5%	1 ug/m3	Standard	2
PM10	0-2000	ug/m3	5%	1 ug/m3	Standard	2
CO	0-50	ppm	1%	0.02ppm	Standard	2
SO2	0-500	ppb	1%	3ppb	Standard	2
NO2	0-500	ppb	1%	3ppb	Standard	2
O3	0-500	ppb	1%	3ppb	Standard	2
Temperature	-20-60	°C	2%	0.1°C	Standard	2
Humidity	0-100	%RH	0.3%	1%	Standard	2
VOC	0-20	ppm	1%	20ppb	Optional	2

Zetron MS800A-3 Support Solar Panel High Precision Air Quality Monitor



Parameter

Parameter	Range	unit	Precision	Resolution	Principle	Life-time
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PM2.5	0-1000	ug/m3	5%	1 ug/m3	Laser	2
PM10	0-1000	ug/m3	5%	1 ug/m3	Laser	2
CO	0-50	ppm	1%	0.02ppm	Electro-chemical	2
SO2	0-500	ppb	1%	3ppb	Electro-chemical	2
NO2	0-500	ppb	1%	3ppb	Electro-chemical	2
O3	0-500	ppb	1%	3ppb	Electro-chemical	2
Temperature	-20-60	°C	2%	0.1°C	--	2
Humidity	0-100	%RH	0.3%	1%	--	2
VOC	0-20	ppm	1%	20ppb		

Zetron MS800A-2 Air Quality Online Monitoring System



Parameter

Data Efficient Transmission Rate	≥95%
Remote Control	Support for remote setting
Interface	RS485/RS232 port, Network port
Transmission Network	Automatically and real-time upload data, optional 4G/GPRS/WIFI
Box Material	Q235 spray, Stainless box optional
Scaffold Material	Q235
Scaffold Height	Standard height is 4.5m, Flange connection(1m fixed underground, 2*1.5m+1*0.5m)
Lightning Arrester	Length 1m, Q235 Galvanized material
Working Environment	Temperature: -30~70°C Humidity: 10%RH~90%RH Pressure: 65~108Kpa
Protection Grade	IP65
Power Supply	AC220V/50Hz/Solar power (optional)

PTM600-AQI2 Air Quality Online Monitor



Parameter

Detection factors	Detecting gases (standard): CO, SO ₂ , NO ₂ , O ₃ , PM _{2.5} /PM ₁₀		
	CO : Detection range 0-10mg/m ³ , Resolution 0.001mg/m ³ , High-performance electrochemical sensors for environmental testing and analysis		
	SO ₂ : Detection range 0-2500ug/m ³ , Resolution 1ug/m ³ , High-performance electrochemical sensors for environmental testing and analysis		
	NO ₂ : Detection range 0-2000ug/m ³ , Resolution 1ug/m ³ , High-performance electrochemical sensors for environmental testing and analysis		
	O ₃ : Detection range 0-2000ug/m ³ , Resolution 1ug/m ³ , High-performance electrochemical sensors for environmental testing and analysis		
	PM _{2.5} : Testing range 0-1000ug/m ³ , Resolution 1ug/m ³ , Laser Principle		
	PM ₁₀ : Testing range 0-1000ug/m ³ , Resolution 1ug/m ³ , Laser Principle		
	Optional TVOC, NH ₃ , CO ₂ 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	Built-in pump suction type, sampling distance greater than 10 meters high, flow 800ML/min, separate switch button operation switch air pump		
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	T ₉₀ ≤20seconds	Recovery time	≤30seconds
Working power	DC3-5V (standard 3.7VDC)		
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		
Interface language	Chinese or English can be set, default Chinese interface		
Explosion-proof type	Intrinsically safe Exia II CT4Ga		
External Dimension	255×210×125mm(L×H×W)	Weight	2.5Kg
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)
	⑤ Optional 16G or larger capacity SD card supports more than 100,000 data storage capacity
Optional accessories	① 0.9m retractable sampling handle (1 - 10 m hose, standard length 1 m). ② Free uplink communication software (electronic documentation provided)

MS400-PID Portable PID Gas Detector



Parameter

Measuring gas	Hydrogen sulfide (H ₂ S) Carbon monoxide (CO) Oxygen (O ₂) Sulfur dioxide (SO ₂)
Measuring range	H ₂ S:0-100000ppm CO:0-10000ppm O ₂ :0-100%Vol SO ₂ :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	T ₉₀ <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-AQI6 Portable Air Quality Monitor



Parameter

Gases to be detected	NO, NO2, CO, CO2, O2, H2S
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

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