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MS600-VOC Handheld VOC Gas Analyzer



Parameter

Gases to be detected	Arbitrary combination of 1 ~ 6 types of gases such as toxic gases, oxygen gas, carbon dioxide, inflammable and explosive gases, TVOC, and so on. Optional configuration: temperature and humidity measurements.		
Application scenarios	All the cases which requires the portable rapid detection of gas concentrations such as petroleum, chemical, pharmaceutical, environmental protection, combustion gas distribution, warehousing, smoke gas analysis, air governance, and so on.		
Detection range	0 ~ 1, 10, 100, 1000, 5000, 50000, 100000ppm, 200 mg/L, 100%LEL, 20%, 50%, 100%Vol, can be selected; and other ranges can be customized.		
Resolution	0.01ppm or 0.001ppm (0 ~ 10 ppm); 0.01ppm (0 ~ 100 ppm), 0.1ppm (0 ~ 1000 ppm), 1ppm (0 ~ 10000 ppm or more), 0.01 mg/l (0 ~ 200 mg/l), 0.1% LEL, 0.01%LEL 0.001% Vol		
Detection principle	Electrochemical, catalytic combustion, infrared, thermal conductivity, PID photoionization, and so on. Depending on the type of gas, range, field environment and user demand.		
Sensor service life	Electrochemical principle: 2 ~ 3 years; Oxygen gas: 2 years or 6 years can be selected; Infrared principle: 5 ~ 10 years; Catalytic combustion: 3 years; Thermal conductivity: 5 years; PID photoionization: 2 ~ 3 years.		
Allowable error	≤±1% F.S (other precision levels can be customized)		
Linearity	≤±1%	Repeatability	≤±1% Uncertainty ≤±1%
Response time	T90≤20 seconds		Recovery time ≤30 seconds
Working environment	Temperature: -40 °C ~ + 70 °C, humidity: ≤10 ~ 95% RH, and built-in filters can be used in high humidity or high dust environment.		

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.
Temperature and humidity measurement	Optional configuration: temperature at -40 °C ~ + 70 °C, accuracy level at 0.5 °C; humidity at 0 ~ 100% RH, precision level at 3 % RH
Power supply	3.6VDC, 6000mA high capacity rechargeable polymer battery
Display mode	2.5-inch high-definition color screen
Detection mode	Built-in pump-suction type measurement, and flow rate at 500 ml / min. Calibration flow rate should be greater than 500 ml / min, three-way pipe should be connected, so as to ensure that the excessive gas will be discharged from the bypass
Alarm mode	It is possible to set as sound & light alarm, vibration alarm, sound & light + vibration alarm, turning off the alarm.
Communication interface	USB (charging and communication), optional: RS232, infrared communication, automatic recognition
Data storage	Standard configuration is the data storage capacity for 100, 000 entries; SD card storage function is optional configuration
Protection level	IP67
Explosion-proof type	Intrinsically safe type
Explosion-proof mark	Exia II CT6
Exterior dimensions	180×78×33mm (L×W×H)
Weight	350g
Standard accessories	Manual, qualification certificate, warranty card, USB charger (including the data cable), high-grade aluminum instrument case, belt clip, humidity dust filter

Zetron MS500-R High Precision R134a Refrigerant Detector



Parameter

Working environment	Temperature: -40 °C ~ + 70 °C, humidity: ≤10 ~ 95% RH, and built-in filters can be used in high humidity or high dust environment.
Power supply	3.6VDC, 5500mA high capacity rechargeable polymer battery
Detection mode	Built-in pump-suction type measurement, and flow rate at 500 ml / min. Calibration flow rate should be greater than 500 ml / min, three-way pipe should be connected, so as to ensure that the excessive gas will be discharged from the bypass
Alarm mode	It is possible to set as sound & light alarm, vibration alarm, sound & light + vibration alarm, Turning off the alarm.
Data storage	Standard configuration is the data storage capacity for 100, 000 entries
Protection level	IP66

Explosion-proof mark	Exia II CT6
Exterior dimensions	180×78×33mm (L×W×H)
Weight	350g

Zetron Hydrogen Power Handheld Hydrogen Leak Detector



Parameter

Detecting gas	H2
Detection range	H2: 1ppm - 999ppm
Display mode	LCD liquid crystal screen
Detection principle	Gas-sensitive semiconductor GGS 3000
Background concentration	250ppm
Operating temperature	-20 - +50°C
Storage temperature	-25 - +50°C
Resolution	1ppm / 0.1 Vol. %
Reaction time (T90)	2 - 3 seconds
Storage humidity	20 - 80%
Dimensions	190 x 40 x 28 mm (L*W*H)
Weight	320 g

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