

A detailed 3D rendering of an industrial valve assembly is shown on the left side of the page. It features a vertical pipe with a valve handle, a curved pipe section, and various fittings and flanges, all rendered in a dark, metallic blue color.

GAS DETECTOR

For Safe Life

Zetron Tech

PRODUCT GUIDE



ABOUT ZETRON

ALL WE DO IS GAS DETECTION

With over 15 years combined experience, Zetron develops, manufacture and market a complete range of gas detection products to protect people from hazardous conditions in the industry, research and commercial applications.

Today Zetron is in providing gas detection equipment, services and solutions to keep your personnel and plant safe.



Our complete product range includes remote laser methane gas detector, portable gas detector, fixed detection systems, landfill gas analyzer, as well as air quality monitoring systems.

As part of our focus on quality, Zetron is ISO9001:2005 and SGS certified and our products have acquired the CE, RoHS, FCC, and ATEX certifications.

Portable Gas Detector

Diffusion Type



Personal Gas Detector



- Small size, light weight, user-friendly operation
- Ease of maintenance and serviceability
- Complete with an extensive selection of sensor options
- Optional wrist strap, rechargeable battery

Single Gas Detector



- High quality advanced gas sensor
- Multiple alarm mode
- 20 hours extra long standby
- Diffused toxic gas and oxygen detect

Multi-gas Detector



- Small size multi-gas portable detector
- Adjust alarm set points to meet changing requirements
- Audible, visual, vibrating and fell alarms
- 100000 large data storage and download

Portable Gas Detector

Pump Type



Single Gas Detector



- Rugged aluminum alloy material design
- %VOL、%LEL、mg/m³、ppm、pph、ppb multiple units available
- Continuous data logging for 100000 pieces
- Temperature compensation function

Multi-gas Detector



- Multi-gas monitor for 1-5 gases
- More than 200 different sensors selection
- Automated bump testing and calibration
- Device management with Zetron Eranntex software

Exhaust Gas Analyzer



- Multi-gas analyzer for 1-18 gases, customized for 24 gases
- Rugged and sealed housing with built-in impact protection for harsh-able usage
- Variety measuring and analysis performance, idea for biogas/ flue gas/ industrial emission measurement
- Optional 1300 degree high-temperature probe

Non-contact Detector

Remote Methane Laser Detector



- Pocket design with 380g light weight
- User-friendly one button operation
- Tunable Diode Laser technology guarantee the distance not less than 60 meters
- Device intelligent phone inspection system for detection results and path recording

UV Flame Gas Detector



- Multi-spectrum triple IR (IR/IR/IR/Visible) flame detector
- Visible Sensor for optimum false alarm rejection
- Built-in microprocessor for reliable performance
- Patented signal processing algorithm to minimize the false alarms

Open Path Scanning System



- Exd flameproof stainless steel enclosure
- 360° horizontal continuous rotation
- Support outdoor and underground 7x24hours monitoring work
- 5ppm.m static detection limitation and maximum 200 meters detection distance

Online/Fixed Gas Detector

Fixed Single Gas Detector



- Infrared remote controller for operation without cover opening, at the most of distance for 15 meters
- Zero-point automatic tracking, 5 levels of concentration calibration, data recovery function
- 3-wire system: 4-20mA, relay output, RS485

Fixed Multi-Gas Detector



- IP68 protection level
- Anti-reverse connection design, any form of reverse connection will not damage the instrument
- Could detect 1 ~ 6 kinds of gas concentration and temperature and humidity at the same time

Transportable Multi-Gas Area Monitor



- Detect 1-6 gases for mobile or temporary work applications, team protection, area surveillance, or places where fixed detection systems are not suitable
- Rechargeable battery support 150 hours operating time
- Enable to receive and view the measured data and alarms outside the danger zone

Online/Fixed Gas Detector

Atex Gas Detection Controller & Panel



- Adopt wall-mounted structure
- IICT6 explosion-proof grade
- According to the online detector set alarm models, one probe can control three groups of relays
- With data recording function
- Light & sound alarm

Fixed Gas Detector Controller



- 3.5" HD color screen display
- Connect Multi-gas detector, temperature and humidity/ pressure/ wind speed transmitter, and dust detector
- Units available: PPM, LEL%, Vol%, mg/m³, ug/L, PPHM, °C, RH%, Pa, kg, PSI, m/s
- Three display modes: concentration of 6 channels per screen or for each channel per screen; real-time curve, max & min value, historical graph for each channel;

UV-DOAS Monitoring System



- Outdoor waterproof design, prevent damage to equipment
- Suitable for gas detection and analysis in a variety of warm and humid or dust
- Standard pretreatment temperature is 800°C, which can pretreat flue gas at 2000°C
- (DOAS) technology, small temperature drift, high measurement accuracy, can measure ultra-low concentration

Clean Room Monitors

Remote Partical Counter



- Compact size, easy installation
- Particle diameter channel size from 0.2um to 25um
- Optional flow rates: 1CFM (28.3LPM) or 0.1CFM (2.83LPM)
- Three kinds of status indicator: power indicator; communication indicator; measurement status indicator
- 2.4" OLED display for direct reading

Handheld Particle Counter



- Being lightweight and easy to carry
- Flow rate 2.83L/min
- Handheld Unit – Simple Operation
- Measures up to six channels of simultaneous data, 0.3 μm and 5.0 μm user-selectable
- Communication software support stored data reading in computer; data transmission and data exporting

Laser Airborne Particle Counter



- Eight particle sizes channel, easy-to-use
- Flow rate: 1.00 CFM/28.3 l/min
- 7" touch-screen display
- Built-in printer can print counting results
- Optional rechargeable battery type
- Large capacity data storage (10×500 sets of data)
- WIFI connection for data exporting

Clean Room Monitors

Portable Biological Air Sampler



- Volumetric Flow Control for Improved Accuracy, flow rate: 100L/min
- Collection port for countless microporous, reduce the dust bacteria overlap, reduce the microbial count error
- Programmable, sampling volume from 0.01-6.0 cubic meters arbitrary setting
- Automatic sampling time can be set

Biological Air Sampler



- Sampling volume from 0.01-9.0m³, programmable
- Made of SUS304 stainless steel, can be sterilized
- Automatic sampling time and three groups of sampling volume can be set for quick selection
- Electronic remote control start/stop sampling, unique shape, easy to use
- Easy to replace the petri dish

Air Flow Capture Hood



- Air volume and wind direction detection; automatic determination of wind direction, air supply, or return air
- m³ /h and FT³ /min units can be switched
- Available U disk derivative data, easy to use
- Can store 4608 test data (64 groups x 72 groups/group), and can view historical data
- Optional wireless printing function

Environmental Air Monitoring

Air Quality Monitoring Station

- Measures metrological parameters such as wind speed, wind direction, rainfall, radiation, temperature, barometric pressure and ambient parameters
- Can be remotely monitored and exported in various formats to the local central authorities
- Integrated GPRS communication technology, real-time monitoring
- Automatically and real-time upload data, optional 4G/ GPRS/WIFI



In-situ Dust Monitor

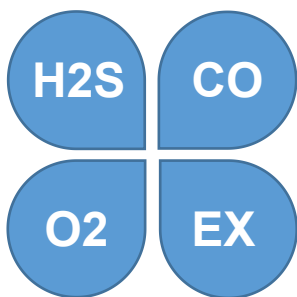
- Single-ended installation, simple structure, easy engineering implementation and strong adaptability
- Automatic zero point calibration
- The light range is adjustable for different sizes of chimneys.
- With display interface and remote control, convenient for setting and data viewing





Schematic diagram of wireless transmission scheme in limited space (tank)

Intelligent Gas Warning Instrument



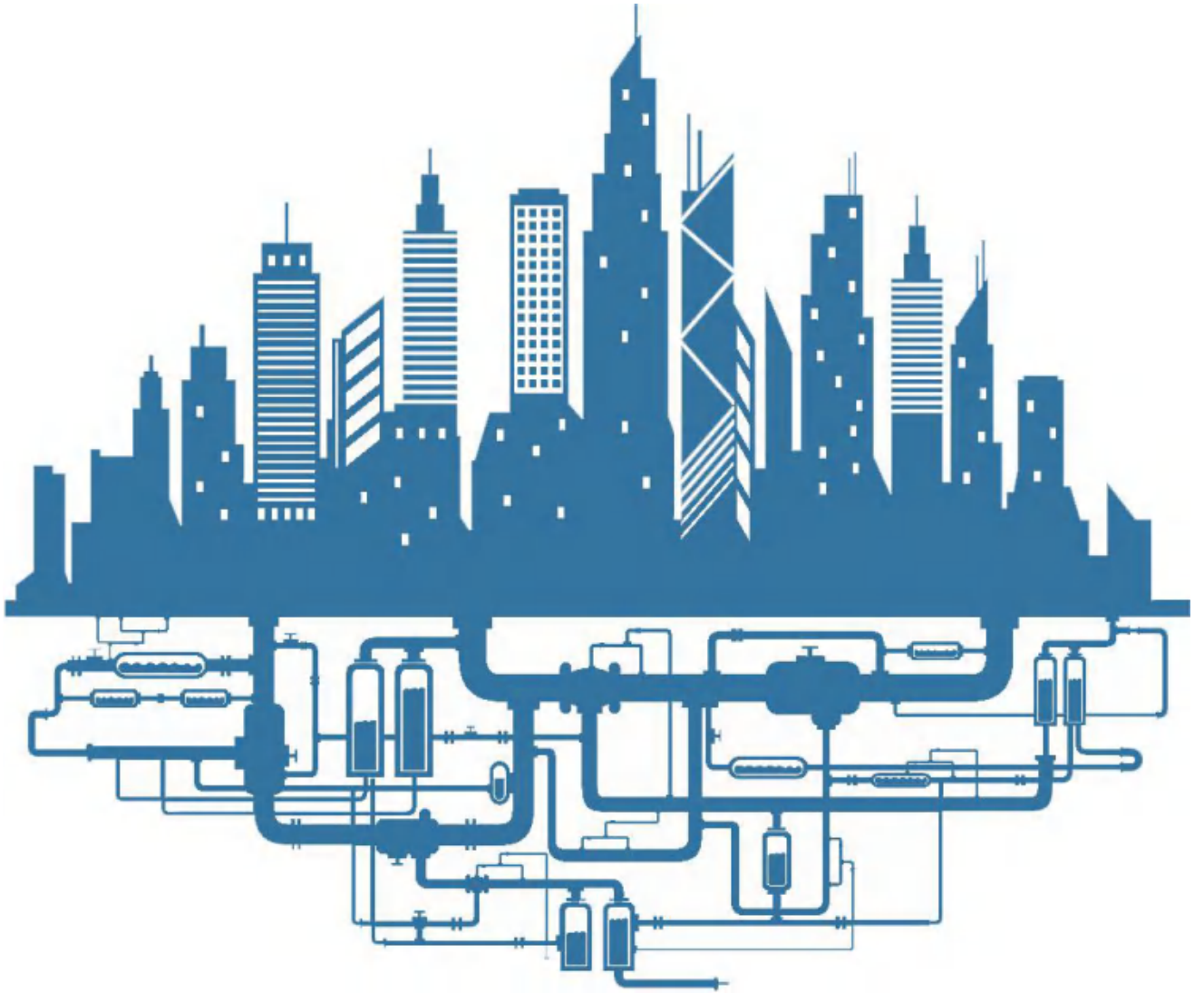
4 Conventional gas



- Supporting both diffusion and pump suction
- Support GPS/ Beidou Position location
- Remote control alarm, sound and light warning
- Multiple alarm output modes
- Wifi, LORA, 4G and other wireless communication modes

Compatible with temperature, humidity, photometry detection, can be used for limited space safety work early warning protection.

Coming soon...



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