GD600

Multi Gas Analyzers

GD600

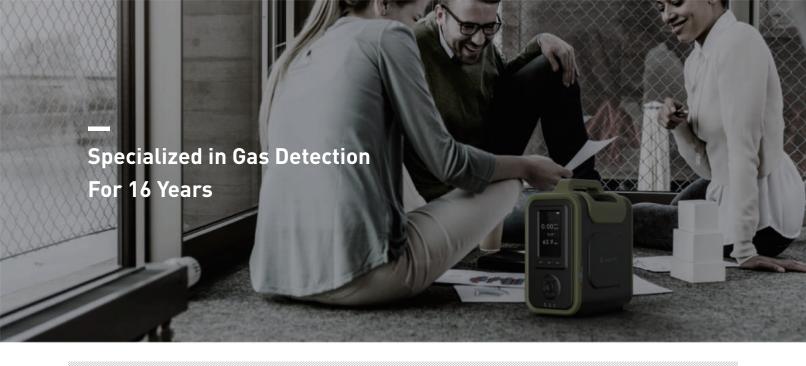Gas Analyzers Can Detect Up 18 Gases Simultaneously.

Product Overview

GD600 series gas analyzer is a data collector which can quickly acquire and analyze gas concentration components in scientific research, university and complex working environment.

GD600 gas analyzer can detect up to 18 gases simultaneously. It can integrate electrochemistry, catalysis, thermal conductivity, infrared, light ion, ultraviolet and other detection principles, focus-ing on the accuracy of gas detection and user experience.

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**Specialized in Gas Detection
For 16 Years**

Product Advantages

Accurate and Reliable

- Using world top brand sensors, the test results are more reliable and can be certified by third party authorities
- Multiple industrial pump gas sampling, ten grades of pumping flow rate for selection. Gas detection flow can be customized according to different testing environments. Each module is equipped with multi-layer filtering device, which can filter oil, water, dust and other impurities efficiently.

Multi−display Mode

- Single curve, multi-curve, data and other gas concentration display mode are switchable
- Various gas concentration units can be shifted freely

Comprehensive Functions

- Modular internal structure, supporting 1-18 gas detection requirements

- Three pumps to control three different modules

- Analyzer can be equipped with internal printer Bluetooth printer, to realize the mobile print function(Optional)

- High temperature, high humidity environment measurement(Optional)

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Data Logging

- Large capacity quick storage function, storage space can be customized
- An independent SD memory card, historical tested data can be viewed and deleted

Mobile recharging and long operation time

- High capacity of lithium polymer rechargeable battery, super long service life and standby time
- Mini-USB charging interface design with common data cable and mobile power can be charged anytime, anywhere

High quality material

- 3.5-inch hd LCD screen with resolution 320* 480, beautiful and useful menu interface

- Selected aviation wear-resisting material, suitable for various kind of industry environment

Application

▲ Petrochemical & Chemcial Industry

▲ Municipal Engineering & Utilities

▲ Agricultral & Environmental Protection

▲ Electronic

▲ Food & Pharmaceutical Industry

▲ Other Industries

Accessories & Configuration List

Standard Accessories

- Instruction
- Qualification certificate
- warranty card
- a Micro-USB cable
- a water,vapour,smoke filter
- an intake sampling rod
- 600mm tube

  Non - toxic, tasteless, explosion-proof, waterproof, heat - resistant, high - temperature resistant, corrosion resistant suitcase （1 set）

Optional Accessories

- Printer (built-in bluetooth printer)
- High Temperature Probe: 600C, 1200C. Imported from Germany

GD600

a water,vapour,smoke filter
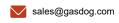
A charging adapter

USB cable

probe

an intake sampling rod

Instruction

suitcase

Technical Specification

GD600

Size		（H x W x D）260*230*120mm
Weight		3700g
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 can be customized）
Temperature and humidity measurement Temperature：		-20-50℃，Resolution：0.1℃；Humidity：0-95%RH，Resolution：1%RH
Pump flow rate		500 cc/Min.
Humidity		0～95%RH（no condensation）（optional filter device is available if high humidity）
Temperature		-20℃~+50℃，Optional gas sampling gun, can detect up to 1200 degrees gas concentration
Screen		3.5-inch hd LCD screen with resolution 320* 480
Degree of protection	IP66	**Explosion-proof** II 2G Ex ia IIC T4 Ga IP66
Pressure measurement	1 bar	**Warranty** Free repair 12 months, Lifelong maintenance

Ordering Information

Detecting gas	O2, N2, CO2, EX, VOC, PH3, etc. According to customers' requirements.
Sensors	Electrochemistry, infrared ray, catalytic combustion, PID photo ionization (according to the target gas and sensor).
Measure range	The range is optional, according to the target gas and the sensor.
Resolution	According to sensor and measure range
Display	Formula, gas concentration data, measurement trend curve, gas curve, battery, time, temperature, humidity, pump condition, wireless status, printer status, screen shot status

Key Features

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.
Data transmission	USB interface data transmission with USB stick, can download storage, analyze and print data
Print function（Optional）	Optional with internal bluetooth printer
Print content（Optional）	EXCEL
Charger	Standard Mini-USB charging port. With 12.8V/1.5A special charger (built-in printer) or 5V/2A universal charger
Language	English
Network frequency	2.4G high frequency.
wireless transmission distance	Bluetooth is less than 10m(In development)

Project Cases

◄ GD600
Application in university laboratory, research institute,etc.

▼ GD600
Used in Large oil refinery and metallurgical plant,etc

► GD600
Applied in Inspection and quarantine bureau, hospital,etc.

▼ GD600
Used in mines, tunnel engineering site

More Application

- Furniture, Floor, Wallpaper, Coating, Gardening, Interior Decoration and Renovation, Dyestuff, Papermaking, Pharmacy, Health Care, Foodstuff, Antiseptic.
- Disinfection, Chemical Fertilizer, Resin, Adhesive, Pesticide, Raw Material, Sample, Technological Process, Livestock Farm, Refuse Processing Plant, Perm Place.
- Bio-pharmaceutical Plant, Green Household, Livestock Breeding, Green House Cultivating, Warehouse Logistics, Brewing And Fermentation, Agricultural Production.

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