



Electro Optical Components, Inc.

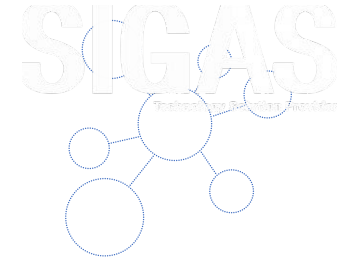
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smartGAS PGD alpha



PGD alpha

Key Features

For detecting customs fumigation and monitoring various gases in industrial environments.

Combined with pump and diffusion multi-function multi-component gas detection

Sample combinations of Gases and Ranges

PGD alpha [CO₂ 2000ppm | CO 2000ppm | H₂S 1000ppm]

PGD alpha [CH₂O 50ppm]

PGD alpha [SO₂ 2000ppm | NO₂ 2000ppm | NO 2000ppm | O₃ 1000ppm]

PGD alpha [CH₂O 50ppm]

PGD alpha [SO₂F₂ 100ppm]

PGD alpha [CH₃Br 100ppm]

PGD alpha [CH₃Br 200g/m³]

PGD alpha [SO₂F₂ 200g/m³]

PGD alpha [PH₃ 20ppm]

For other gases consulting manufacture



Novel design

The gas inlet and outlet are located on the back of the device, giving priority to the user's safety during the gas detection operation.

Patent register in process !

IATA International flight transport

To support service and engineering to use the PGD alpha in country wide and international missions, the PGD alpha has an international IATA certificate for Li. batterie powered devices .

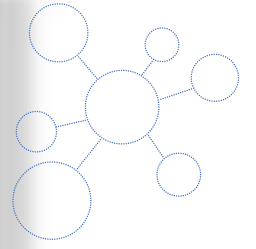
User-Friendly

Ergonomic design, portability and ease of use.

The large 4.3-inch screen provides better visibility, data presentation.

One hand usability!

smartGAS PGD alpha



● Detection Principle

Up to 4 channels, infrared, electrochemical, PID, catalytic combustion and other
For specific please refer to the data sheet

● Power Supply

Internal two lithium ion rechargeable Battery 3.6V 3500 mAh
USB C-Type 5V DC 6800 mAh(max) chargeing
USB Chargeing Power Supply (Note : different country code !)

● Data storage

Standard with 100,000 data set storage capacity, data, alarm records can be exported

● Size and weight

217×92×80mm (length × width × height), 850g



4-Channels



Type-C

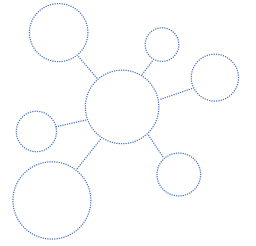


100,000



850g

smartGAS PGD alpha Accessories



Items

winPGD the Windows Tool for :

- Calibration
- Configuration
- Data Export : Datalog Alarmlog Errorlog



Accessories

- Sampling hose 4 x 6 mm
- Chip filter 1um PTFE with Luer joint
- USB Charging set: 10.5w charger + Type C cable (equipped with charger for different national standards)
- Safety Transport Box
- Probes for different Applications

Customized functions

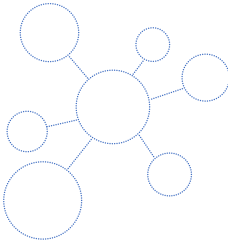
Personnel fall alarm

Bluetooth function, real-time gas concentration transmission

Alarm level Low, high, STEL, TWA, OL (over range)

And other

smartGAS PGD alpha Fields of Applications



In Field Service

Test Tool for in field Service Engineers
Country wide and international



Personal Safety

Identify and monitor the
presence of toxic or anoxic
environments



Fumigation

Detect the specific gases or volatile
compounds.
Monitor gas concentration during
container handling.



Pest control

Monitor gas concentrations.
Ensure the personal safety.



Environmental monitoring

Measuring gas emissions and assessing
industrial areas,
Air quality in confined Spaces or outdoor
environments.