



Electro Optical Components, Inc.

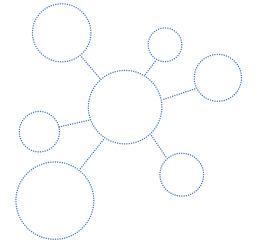
5464 Skylane Boulevard, Suite D, Santa Rosa, CA 95403

Toll Free: 855-EOC-6300

www.eoc-inc.com | info@eoc-inc.com



smartGAS Portable Multi Gas Analyzer PGA 100/mini



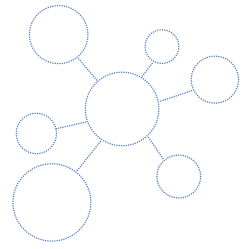
Types

- PGA 110
- PGA mini
- Options
 - PVDF Tubing
 - Stainless Tubing
 - Different Gas Fittings
 - Charger
 - Powercable (national)
 - BlueTooth Interface
 - Probes

Technologies

- NDIR
- NDUV (PGA 110 only)
- TCD
- EC
- PID
- TDLAS laser

smartGAS PGA 110/mini

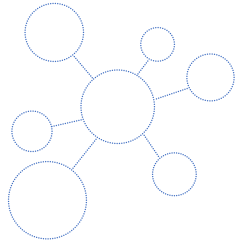


PGA 110



- Portable Multi Gas Analyzer with mixed sensor technologies
- Up to 3 Gases
- Internal Cross compensated
- 4,9-inch HD color display
- Internal Data Storage
- Easy USB export
- Bluetooth (optional)
- Lithium battery, with IATA air transport certification
- Weight 6~10 kg

smartGAS PGA 110/mini

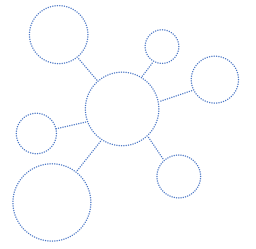


PGA mini



- Portable Multi Gas Analyzer with mixed sensor technologies
- Up to 3 Gases
- Internal Cross compensated
- 4,9-inch HD color display
- Internal Data Storage
- Easy USB export
- Bluetooth (optional)
- Lithium battery, with IATA air transport certification
- Weight 4~5 kg

smartGAS PGA 110/mini Accessories



PGA 110 Charger



Power Cable



Probe include Filter



Environment Sniffer



Tube transparent 4*6mm



Transport Box for PGA



USB RS232 Converter



RS 232 Cable



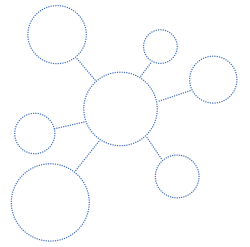
Gas connection Inlet/Outlet



PVDF Fittings



smartGAS PGA 110/mini Fields of Applications



Application direction: Customs fumigation gas detection

Reference Customer: General Administration of Customs of China

Containers with timber or other products are gassed with sulfuryl fluoride (SO_2F_2) or methyl bromide (CH_3Br) in order to prevent damage to the goods by insects. smartGAS sensors can precisely detect the gassing agent to prevent pest infestation, meanwhile assure personal safety.

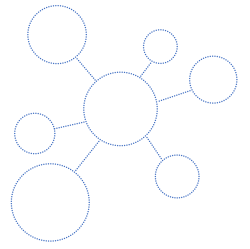
Measure target:

CH_3Br 0-100 ppm, 250g/3, PID NDIR

SO_2F_2 0-100 ppm, 250g/3, NDIR



smartGAS PGA 110/mini Fields of Applications



Application direction: High temperature corrosion monitoring technology based on CO, H₂S, O₂ measurement

Reference Customer: Power plant factories and Institutes

Coal-fired boiler against high temperature corrosion problems

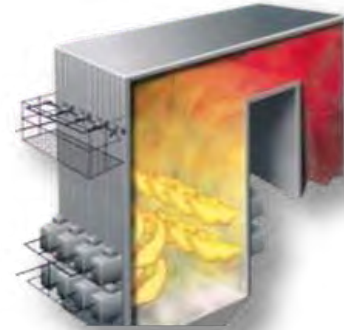
The low NOx combustion technology

Measure target:

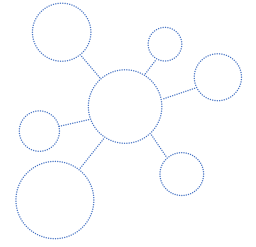
H₂S 0-5000 ppm, TDLAS

CO 0-15 Vol.-%, NDIR

O₂ 0-25 Vol.-%, EC



smartGAS PGA 110/mini Fields of Applications



Application direction: High voltage GIS (Gas Insulated Switchgear) SF₆ leakage test

Reference Customer: GIS SF₆ switch manufacturers, Institutes of Electric Power Research

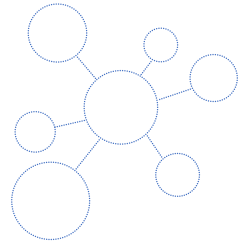
Measure the leakage SF₆ gas in ambient air, in order to check on the leakproof performance of GIS SF₆ switch

Measure target:

SF₆ 0-50 ppm, 1000ppm, Photoacoustic or NDIR



smartGAS PGD mini/110 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



Environmental monitoring

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