

PA 7.0









PA 7.0 S

Compact analyser for the monitoring of protective atmospheres in food packaging (MAP) and welding. For continuous analysis (in-line) and also intermittent sampling via a needle e.g. from food packs. A flexible analyser to guarantee quality and productivity of production processes.

Whenever you need a record of your measurement this instrument together with the exclusive OBCC-Software is the solution.

Provide your customer with the results proving that your product has the best possible quality.

Benefits

- large illuminated graphic display
- Interfaces on front: mini SD and mini USB port - update possibility
 - data transfer via mini USB
- minimum sample gas required for analysing of smallest volumes (e.g. food packing)
- fast measuring results of sampling
- integrated data logger for the last 500 measurements
- assignment of measurements to different product names, users and product lines
- multilingual menu guide: German, English, French, Italian,

Spanish, Dutch, Swedish, Finish, Polish, Hungarian, Romanian and Turkish (more to come)

• system errors or exceeding of set limits trigger an alarm and switch a potential free contact, e.g. to shut down machinery to avoid quality problems (only P- and Lversion)

- splash-proof and robust housing
- interface for transfer of logged data

Options

- O, measurement also in ppm range
- software OBCC for recording of results incl. data cable (see separate data sheet)
- separate table printer for instant documentation

Other models, options and accessories available upon request.

Please identify the individual gases at the time of enquiring!

Measuring systems

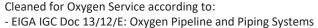
Gases	Measuring system	Measuring range	Repeatability	Response time	Service life
O ₂ for sampling	chemical measuring cell	0-100%	± 0.2%	6 sec.	approx. 2 y. in air
O ₂ for continuous analysis	chemical measuring cell	0-100%	± 0.2%	10 sec.	approx. 3 y. in air
0,	zirconia measuring cell	0-100%	± 0.1%	4 sec.	long lifetime
CO2	infrared measuring cell	0-30% 0-100% please indicate	± 0.5%	6 sec.	long lifetime



GAS ANAYSER PA 7.0



Туре PA-O ;; PA-CO ;; PA-O ,/CO , Finish **P-version** over pressure measurement L-version measurement via lance with pump S-version sample measuring Gases O₂ and/or CO₂; balance gas: N₂, Ar (others upon request) not for flammable, corrosive or toxic gases! Measuring system see table Measuring range O2/CO2 0-100%; in 0.1%-steps Sample gas requirement 0, < 3 ml 0,/C0, < 7 ml Calibration O2/CO2 simple two point calibration Withdrawal sample automatic via needle using integrated pump continuous by pump or pressure regulator (optional) 0-40 °C (32-104 °F) **Temperature (gas/environment)** Gas connections sample needle with integrated pump continuous hose connection for ID 4 mm with integrated pump **Inlet pressure** pump max. 0.3 barg pressure regulator max. 10 barg L-version pressureless S-version pressureless Alarm contacts 2 potential free contacts for min. and max. settings, adjustable for each gas (only P- and L-version) Interfaces RS 232 with ASCII-output of date, time, measured value and system informations (more detailed information on request) analog output 4-20 mA or 0-10 V Housing splash proof Weight approx. 6 kg approx. 186 x 285 x 270 mm (7.32 x 11.22 x 10.63 inches) Dimensions (HxWxD) with carry handle (without connections) 90 - 250 V AC, 47 - 63 Hz or 24 V DC Voltage **Power consumption** 230 V AC, 0,07 A Company certified according to ISO 9001 and ISO 22000 Approvals CE-marked according to: - EMC 2014/30/EU - Low Voltage Directive 2014/35/EU for food-grade gases according to: - Regulation (EC) No 1935/2004





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Gas Control Equipment

- Gas Mixing Systems
- Gas Metering Systems
- Gas Analysers
- Gas Pressure Vessels
- Engineering Of Customised Systems



Gas Safety Equipment

- Flashback Arrestors
- Non-return Valves
- Quick Couplings
- Safety Valves
- Stainless Steel Devices
- Gas Filters
- Pressure Regulators
- Lance Holders
- Ball Valves
- Automatic Hose Reels
- Test Equipment
- Accessories
- Customised Safety Devices



M.A.P Equipment

- Gas Mixing Systems
- Gas Analyzers
- Leak Detection Systems
- Modified Atmosphere Packaging Solution

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