

PA 6.0 for O₂, CO₂ or O₂/CO₂



inclined display

Compact analyzer 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 analyzer to guarantee quality and productivity of production processes.

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

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

Benefits

- new operation by touch panel
- 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 analyzing 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, Finnish, 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)
- splash-proof and robust housing
- interface for transfer of logged data

Options

- vertical or inclined display
- software WITT-LOGGER for recording of results incl. data cable (see separate data sheet)
- separate table printer for instant documentation
- Bluetooth (e.g. for separate printer)
- fully automatic calibration

Other models, options and accessories available on 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 |
| O ₂ | zirconium measuring cell | 0-25% * | ± 0.1% | 4 sec. | no limited |
| CO ₂ | infrared measuring cell | 0-30% 0-100% please indicate | ± 0.5% | 6 sec. | no limited |

* no recommend for measures between 20 – 22%

Product Information

Technical Data

D01/C1 subject to change

GAS ANALYSERS
www.wittgas.com

| | |
|---|---|
| Type | PA-O ₂ ; PA-CO ₂ ; PA-O ₂ /CO ₂ |
| Finish | |
| P-version | over pressure measurement |
| L-version | measurement via lance with pump |
| S-version | sample measuring |
| Gases | O ₂ and/or CO ₂ ; balance gas: N ₂ , Ar (others on 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 | O ₂ < 6 ml O ₂ /CO ₂ < 15 ml |
| Calibration O₂/CO₂ | simple two point calibration |
| Withdrawal | |
| sample | automatic via needle using integrated pump |
| continuous | by pump or pressure regulator (optional) |
| Temperature (gas/environment) | 41 – 104 °F |
| Gas connections | |
| sample | needle with integrated pump |
| continuous | hose connection for ID 4 mm with integrated pump |
| Inlet pressure | |
| pump | max. 4.35 PSIG |
| pressure regulator | max. 145 PSIG |
| L-version | pressureless |
| S-version | pressureless |
| Alarm contacts | 2 potential free contacts for min. and max. settings (adjustable for each gas) |
| Interfaces | RS 232 with ASCII-output of date, time, measured value analog output 4-20 mA or 0-10 V |
| Housing | splash proof |
| Weight | approx. 6.61 lb |
| Dimensions (HxWxD) | approx. 5.7 x 4.1 x 7.9 inch (without connections) |
| Voltage | 230 V AC, 110 V AC or 24 V DC |
| Power consumption | 230 V AC, 0,07 A |
| Approvals | Company certified according to ISO 9001, ISO 14001 and ISO 22000 CE-marked according to: - EMC 2004/108/EC - Low Voltage Directive 2006/95/EC |