



AtmoCheck® COVER

Mobile Gas Analysis Device for random and In-Line measurements of technical gases

AtmoCheck® COVER is a practical, battery-operated oxygen and carbon dioxide analyser for the random analysis of e.g. protective gas food packaging (MAP packaging) or the inline control of e.g. argon and carbon dioxide welding gas mixtures.

AtmoCheck® COVER is characterised by its simple and intuitive operation, short measurement time and low sample volume. Our integrated data logging software supports traceability to facilitate complete documentation (HACCP/IFS/ ISO). It is therefore the ideal device for fast, reliable and precise testing, either directly at the packaging machine, in the warehouse or in the quality assurance laboratory.

AtmoCheck® COVER is optionally available as an in-line analyser for almost all technical gases, being capable of accepting inlet pressures of up to 16 bar means that it can be used directly in-line with production gas lines.

As an option AtmoCheck® COVER can be equipped with a heating element in order to ensure reliable operation, even in extremely cold environmental conditions.

This option also helps to prevent damage to electrical components caused by condensation, which can occur when the instrument is moved from one temperature to another.

The AtmoTool® software provides fast and uncomplicated communication, is safe to use and is equipped with everything required to upgrade from manual handwritten to automatic electronic recording of all measurement data that is easily transferred to your computer.

Application areas

- ⇒ Quality Assurance
- ⇒ Food Technology
- ⇒ Cutting and Welding
- ⇒ Customised solutions

All highlights at a glance

- ⇒ Simple, intuitive handling
- ⇒ Cordless operation due to integral rechargeable battery
- ⇒ Low volume of sample gas required for measurement
- ⇒ Measuring time < 10 sec.
- ⇒ Large, clear illuminated graphic display
- ⇒ Optional: Display of N₂ or Ar concentration
- ⇒ Add and select up to 10 products
- ⇒ Add and select up to 10 users
- ⇒ Access to the calibration facility, product selection and user menu is password protected
- ⇒ All measurements and product data are automatically digitally documented – no need for manual logging
- ⇒ Simple transfer and analysis of measured data
- ⇒ PC software for operation and data management AtmoTool®
- ⇒ Alarm and data logger suitably pre-configured for every kind of quality control
- ⇒ Pump profiles are easily adjusted to accommodate different types and sizes of packaging
- ⇒ Built in Data Logger will hold up to 1.000 sets of measurement data
- ⇒ Logged data files can be exported in XLSX or CSV formats
- ⇒ USB port for easy data transfer and battery recharging
- ⇒ Simple cleaning and long service life thanks to robust design
- ⇒ Remote service interface for fast support via TeamViewer®
- ⇒ Optional: also available as an In-Line Version
- ⇒ Optional: integrated heating for use in cold environments

Accessories

The AtmoCheck® COVER manual and the current version of the AtmoTool® software for fast and uncomplicated communication via download link



The AtmoCheck® COVER Charger for integrated battery, supplied with Universal Power Plug Adapters



USB Cable



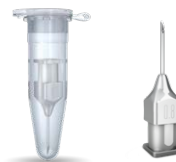
40 pcs. self-adhesive sealing tabs



Tube with Luer-Lock connection



Suction needle in protective cartridge



2 pcs. Filter for protection against moisture



Needle holder



Technical Data

Measuring principle	O2 electrochemical measuring cell* / CO2 NDIR sensor**	Temperature	Gas and/or Environment: 5 – 40 °C
Measuring range	0-100%; in 0,1% steps	Display	Graphic display with backlight
Measuring time	Approx. 10 sec	Switch off	Automatically after 2 minutes of non-use
Calibration	Simple 2-point calibration	Housing	Shock-resistant plastic
Sampling method	Automatically via needle with integrated suction pump Option: In-Line version without suction pump	Weight	Approx. 2 kg
Memory capacity	Circulating memory for 1000 measured values	Dimensions	(HxWxD) 120 x 270 x 220 mm
Interface	USB-Port	Power supply	Integrated rechargeable battery (charger included)
Software	AtmoTool® software***	Charger	110-240 V AC 50/60Hz to 5 V DC Other gases on demand

Manufacturing Accreditations and Standards

CE marked

* estimated service life of O2 sensor in air max. 18 month

** estimated service life of CO2 sensor min. 5 years depending on ambient conditions

*** MS Windows is required to run AtmoTool® software

Further models from our product portfolio

AtmoCheck® ONE und DOUBLE
Hand analyser for control of protective gas packaging (MAP)



AtmoCheck® DESKTOP
Gas analyser for random Measurement of O2 and CO2



AtmoCheck® OPTIC
Optical oxygen analyser for easy sample measurement



AtmoMix® Gas mixer for 2 or 3 gases, with either preset or user adjustable gas mix ratios



Subject to change