



AtmoCheck® ONE / DOUBLE

for checking residual oxygen or residual oxygen and carbon dioxide levels in inert gas packaging

The AtmoCheck® is a practical battery operated oxygen or double analyser for random sample measurement of residual oxygen and carbon dioxide levels in gas-treated food packaging (MAP).

This is an ideal analyser for swift, accurate mobile checking at the packaging machine, in the warehouse or in the laboratory.

The AtmoCheck® excels with easy operation, short measuring times, and low gas volume sample requirement.

The integrated data logger supports traceability and provides complete documentation (HACCP/IFS/ISO).

The AtmoTool® software permits fast, uncomplicated communication and is safe and easy to use. It is equipped with all facilities for converting handwritten measurements to electronic records.

All highlights at a glance

- ⇒ Simple, intuitive handling with one hand
- ⇒ Cordless and mobile due to battery operation
- ⇒ Low volume of sample gas required for measurement
- ⇒ Safe handling due to ergonomic concept
- ⇒ Large, clear illuminated graphic display
- ⇒ O2 display (N2 optional) or O2, CO2 display (N2 optional)
- ⇒ 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 datas are automatically digitally documented – no need for manual logging
- ⇒ Simple transfer and analysis of measured data
- ⇒ Includes AtmoTool® PC software for easy operation and data management
- ⇒ 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®



Top side of handheld device:
USB Port and charger



Underside of handheld device:
tube connection

AtmoCheck® and its included accessories are supplied in an attractive hard cover case for safe transport, with all parts ready for immediate use.



Accessories

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



The AtmoCheck® ONE / DOUBLE 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



Technical Data

Measuring principle	O2 electrochemical measuring cell* O2 electrochemical measuring cell*/ CO2 NDRI sensor**
Measuring range	0-100% in 0.1% steps
Measuring time	Approx. 10 sec.
Calibration	Simple 2-point calibration
Measurement	Automatic by needle with integral suction pump
Measurement memory	Circulating memory for 1000 measurements and data
Interface	USB port
Software	AtmoTool® software***
Temperature	Gas and/or ambient 5-40°C
Display	Backlit graphic display
Shutdown	Automatic when not used for 2 minutes
Housing	Shock-resistant plastic
Weight	Approx. 425 g (without accessories)
Dimensions	(HxWxD) 220 x 106 x 38 mm (without needle)
Power supply	Integrated rechargeable battery (Charger unit included)
Battery charger	110-240 V AC 50/60Hz to 5 V DC
Standards/Building Regulations	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