

AtmoCheck® ONE

for checking residual oxygen levels in inert gas packaging

AtmoCheck®ONE is a practical battery operated oxygen analyser for random sample checking, measurement and automatically recording the residual oxygen 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.

AtmoCheck®ONE 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 AtmoCheck®ONE software permits fast, uncomplicated communication and is safe and easy to use. It is also equipped with everything required to upgrade from manual handwritten, to automatic electronic recording of all measurement data that is easily and quickly transferred to your computer.



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

All highlights at a glance

- ➔ Simple, intuitive handling with one hand
- ➔ Easy transfer and quick analysis of measured data
- ➔ Alarm and data logging is suitably pre-configured for every kind of quality control
- ➔ Integrated memory stores the last 1000 measurements
- ➔ Measured data can be processed in Excel at any time
- ➔ USB port for easy data transfer and battery recharging
- ➔ Simple cleaning and long service life thanks to robust design
- ➔ Safe handling due to ergonomic concept
- ➔ Simple set-up using included data logging software
- ➔ O2 display (N2 display optional)
- ➔ Low volume of sample gas required for measurement
- ➔ Cordless and mobile due to battery integral rechargeable battery
- ➔ Large, clear illuminated graphic display

AtmoCheck® ONE

in handy case including complete accessories



The AtmoCheck® ONE in robust Carrying case: weight approx. 1.5 kg. (including content)



The AtmoCheck® ONE battery charger for the integrated battery. With power-plug adapters for most EU and other countries.



Top side of handheld device: USB Port and mains adapter



Underside of handheld device: hose connection



Data lead USB 2.0
Approx. 1 m long



suction tube



40 self-adhesive
sealing tabs



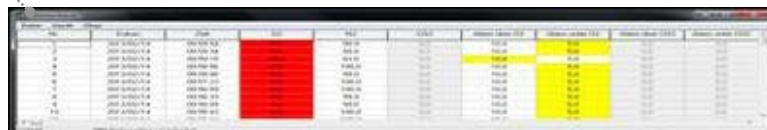
Suction needle in protective
cartridge



2 intake filters



The AtmoCheck® ONE manual as PDF on the supplied USB stick, for printing or electronic scrolling.



The AtmoCheck® ONE data logger software for fast, uncomplicated communication. Simply install from the supplied USB stick.

Technical Details

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

Manufacturing Accreditations and Standards

- Company certified according to ISO 9001:2015 - CE marked

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

** MS Windows is required to run AtmoCheck data logger software