



AtmoCheck[®] DOUBLE

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

AtmoCheck[®] DOUBLE is a practical battery operated 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.

AtmoCheck[®] DOUBLE 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[®] DOUBLE 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.



AtmoCheck[®] DOUBLE 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
- ➔ Simple transfer and analysis of measured data
- ➔ Alarm and data logger suitably pre-configured for every kind of quality control
- ➔ Integrated measurement 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 logger software
- ➔ O₂, CO₂ display (N₂ optional)
- ➔ Low volume of sample gas required for measurement
- ➔ Cordless and mobile due to battery operation
- ➔ Large, clear illuminated graphic display

AtmoCheck® DOUBLE in handy case including complete accessories



AtmoCheck® DOUBLE in case: weight approx. 1.5 kg including content



The AtmoCheck® DOUBLE 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



Data lead USB 2.0
Approx. 1 m long



suction tube



40 self-adhesive sealing tabs



Underside of handheld device: hose connection



Suction needle in protective cartridge



2 intake filters



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



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

Technical Details

Measuring principle	O2 electrochemical measuring cell*/ CO2 NDRI sensor**	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 and data	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
** estimated service life of CO2 sensor min. 5 years depending on ambient conditions

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