

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 qas-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



Underside of handheld device: hose connection



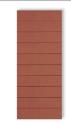




Data lead USB 2.0 Approx. 1 m long



suction tube



40 self-adhesive sealing tabs



Suction needle in protective cartridge



2 intake filters



The AtmoCheck® 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 Accrediations and Standards			
- Company ceritified 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