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
- Simple transfer and analysis of measurment data
- Alarm and data logger suitably pre-configured for every kind of quality control *
- Simple cleaning and long service life thanks to robust design
- Safe handling due to ergonomic concept
- Simple set-up using included data logger software
- O_2, CO_2 and N_2 display
- Low volume of sample gas required for measurement
- Integrated measurement memory stores the last 1000 measurements
- Measured data can be processed in MS-Excel at any time
- Cordless and mobile due to battery operation
- USB port for easy data transfer and battery recharging
- Simple one-handed operation
- Large, clear illuminated graphic display

Accessories and technical details see reverse

AtmoCheck®DOUBLE in handy case including complete accessories

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

Top side of handheld device: USB Port and mains adapter

Underside of handheld device: hose connection

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

The AtmoCheck® DOUBLE charger for the integrated battery comes complete with power-plug adapters for most EU and other countries.

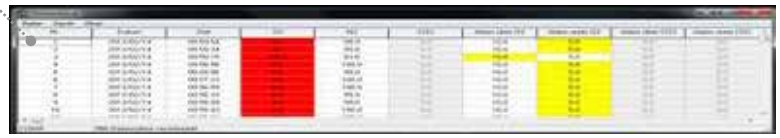
Data lead USB 2.0
Approx. 1 m long

Intake hose

120 self-adhesive sealing tags

Suction needle in sealed safety cartridge

2 intake filters



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

Technical details

Measuring principle	O_2 electrochemical measuring cell*	Temperature	Gas/ambient 5-40°C
CO_2 measuring principle	NDIR sensor**	Display	Backlit graphic display
Measuring range	0-100% in 0.1% steps	Shutdown	Automatic when not used for 2 minutes
Measuring time	Approx. 10 sec.	Housing	Shock-resistant plastic
Calibration	Simple 2-point calibration	Weight	Approx. 425 g (without accessories)
Measurement	Automatic by needle with integral pump	Dimensions	(HxWxD) 187x106x91 mm (without needle)
Measurement memory	Circulating memory for 1000 measurements	Power supply	Integrated rechargeable battery (battery charger included in scope of supply)
Interface	USB port	Battery charger	110-240 VAC
Software	AtmoCheck® data logger software		

Standards/building regulations: company certified to ISO 9001

CE marking as per
- EMV 2004/108/CE
- Low voltage directive 2006/95/CE

* estimated service life of O_2 sensor in air max. 2 years
** estimated service life of CO_2 sensor min. 5 years depending on ambient conditions