AtmoCheck® DESKTOP

Gas analysis apparatus for random measurement of O2 and CO2

AtmoCheck® DESKTOP is a compact laboratory sample analyser for fast, reliable and precise measurement of oxygen and carbon dioxide concentrations in modern food packaging technology.

AtmoCheck® DESKTOP is characterised by its simple and intuitive operation, short measuring times and low sample gas consumption. The integrated data logging software supports traceability and complete documentation (HACCP/IFS/ISO) It is therefore the ideal device to use for fast, reliable and exact testing, either directly at the packaging machine, in the warehouse or Quality Assurance laboratory.

The AtmoTool® software provides fast and uncomplicated communication, is safe to use and is equipped with everything required to upgrade from manual handwritten to automatic electronic recording of all measurement data that is easily transferred to your computer.

Fields of application

- Quality Assurance
- Food Technology
- Cutting and Welding
- Customised solutions

All highlights at a glance

- Simple, intuitive handling
- Cordless operation due to integral rechargeable battery
- Low volume of sample gas required for measurement
- Measuring time < 10 sec.
- Large, clear illuminated graphic display
- Optional: Display of N2 concentration
- 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 TeamViever®

AtmoCheck® ACCESSORIES & TECHNICAL DATA

Simply easy

Accessories

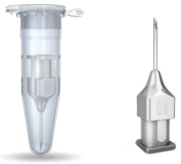
The AtmoCheck® DESKTOP manual and the current version of the AtmoTool® software for fast and uncomplicated communication via download link

The AtmoCheck® DESKTOP 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

Needle holder

Technical Data

Measuring principle	O2 electrochemical measuring cell* / CO2 NDIR sensor**	Temperature	Gas and/or environment: 5 – 40 °C
Measuring range	0-100%; in 0,1% steps	Display	Graphic display with backlight
Measuring time	Approx. 10 sec	Switch off	Automatically after 2 minutes of non-use
Calibration	Simple 2-point calibration	Housing	Shock-resistant plastic
Sampling method	Automatic by needle with integral suction pump	Weight	Approx. 2 kg
Memory capacity	Circulating memory for 1000 measured values	Dimensions	(HxWxD) 120 x 195 x 260 mm
Interface	USB-Port	Power supply	Integrated rechargeable battery (charger included)
Software	AtmoTool® software***	Battery Charger	10-240 V AC 50/60Hz to 5 V DC
Manufacturing Accrediations and Standards			
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

Further models from our product portfolio

AtmoCheck® ONE and DOUBLE
Hand analyser for control of protective gas packaging (MAP)

AtmoCheck® COVER Gas analyser for random Measurement of O2 and CO2

AtmoCheck® OPTIC
Optical oxygen analyser for easy sample measurement

AtmoMix® Gas mixer for 2 or 3 gases, with either preset or user adjustable gas mix ratios

Subject to change

www.atmocheck.com