



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 AtmoCheck® 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 operation
- ➔ Large, easy to read, illuminated graphic display
- ➔ Measuring time < 10 sec.
- ➔ Small sample gas requirement
- ➔ Easy cleaning
- ➔ Long service life due to robust design
- ➔ Optional: Display of N₂ concentration
- ➔ Integrated memory for retaining measurement data
- ➔ Easy transmission of the measurement data
- ➔ Processing of measurement data at any time in MS-Excel
- ➔ Configurable for each type of quality control
- ➔ Easy setup via the supplied data-logging software
- ➔ USB port for data transfer and battery charging
- ➔ Cordless operation due to integral rechargeable battery

AtmoCheck® DESKTOP

Accessories



The AtmoCheck® DESKTOP Manual as PDF file and our Data Logging Software is on the supplied USB flash drive.

The AtmoCheck® data-logging software gives fast and uncomplicated communication. Simply installed from the supplied USB stick.



The AtmoCheck® DESKTOP Charger for integrated battery, supplied with Universal Power Plug Adapters



Option: Data cable USB 2.0 length approx. 1 meter



40 pcs. self-adhesive sealing tabs



suction tube



Suction needle in protective cartridge



2 pcs. Filter

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	Automatically via needle with integrated 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	AtmoCheck® Data Logger Software***	Battery Charger	110-240V 50/60Hz to 5V DC

Manufacturing Accrediations and Standards

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

* The estimated lifetime of the O2 sensor in air is max. 2 years

** The estimated life of the CO2 sensor is at least 5 years, depending on the environmental conditions

*** MS Windows is required to use the AtmoCheck Data Logger software

Further models from our product portfolio

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



AtmoCheck® DESKTOP
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

