Gas analyser: mapControl multi

Gas analyser for mobile control of food packed in shielding gas

Gas analyser mapControl multi - the cordless handheld analyser for preventive shelf-life control of food packed in modified atmosphere (MAP).

Highlights

- Fast and accurate analysis of gas-filled O_2 and CO_2 food packages
- Portable analyser for quality control
- Cordless mobile due to battery operation
- Energy-efficient lithium-ion battery with programmable auto-shutdown function
- Long battery life / Alternative mains power supply
- Ergonomic design, light weight
- Easy to read, illuminated graphic display
- Easy to use interface
- Integrated probe holder to protect the operator
- Needle blockage alarm by sample flow sensor
- Minimal sample gas requirement for very small packages
- Three possible sample gas volume options
- Measuring results can be saved and downloaded via USB as a CSV file (Excel)
- Great storage capacity and easy transfer of the results to the computer
- Easy maintenance, calibration and low maintenance costs due to modular design
- Long lifetime of the O_2 sensor (approx. 2 years), CO_2-Sensor (indefinite)
- Easy to clean plastic surface
- Easily replaceable hoses and fittings combined with an optimised hydrophobic filter

Scope of delivery

- 5 x needles
- 100 x septa
- 3x hydrophobic filters
- 1x carry case
- 1x USB cable
- 1x universal mains charger
- 1x user manual
- 1x calibration certificate

Maintenance:

Regular visual inspection and filter replacement.

When not in use, store in the carrying case and protect from cold environments.

Type*: mapControl multi*

Technical Data:				
Gas Type:	Oxygen (O_2)		Carbon Dioxide (CO_2)	
Measurement Methods:	Electro Chemical Sensor		NDIR-Infrared Sensor	
Measurement Accuracy:	±1% (full scale)		±5% (of reading)	
Sensor Lifetime:	2 years		indefinite	
Profiles:	20 programable Profiles (Product, Costumer und Weight), 20 Operators			
Measurement Range:	0 – 100 %, in 0,1% increments			
Operating Temperature:	0 – 40°C			
Data Storage:	integrated: 10.000+ measurements			
Sampling Operation:	Response time: < 9 Seconds (low volume < 18 seconds (high volume)			
	Sample gas volume options: Low 6ml Medium 30ml High 50ml			
User Interface:	3" touchscreen			
Battery:	Lithium Polymer High-Capacity Battery			
Size and Weight:	Length:	Width:	Height:	Weight:
	190 mm	79 mm	47 mm	367 g

Technical rules / directives

DGUV German Social Accident Insurance Rules and Regulations, TRBS Technical Rules for Industrial Safety.

Standards/ Approvals

Company certified according to
ISO 9001:2015

CE-marking according to: Directive 2014/35/EU,EMC Directive 2004/108/EC

(Subject to change without notice)

CERTIFIED SAFETY - WORLDWIDE!

EN/10/22/00