

DP-28 MAP

DP-28 is a modern, portable device designed to control the composition and physical parameters of gas mixtures used in food packaging.

Portable
analyzer



RETRIEVES

MEASURES

INFORMS

DP-28 MAP

Controlled substances:

oxygen, carbon dioxide, nitrogen

Ergonomics

- large readable display
- last measurement information
- large comfortable buttons

Measurements

- one-button measurement
- comfortable self-adhesive filters
- 15ml of measured gas is enough

Memory

- memory for 1000 sets of results
- automatic results saving
- results grouping

PC software

- software dedicated for PC
- USB connection
- export to spreadsheet

Build

- lightweight aluminum housing
- resistant to working in difficult conditions
- version with a belt or a handle

Options

- large selection of sample needles
- professional storage case
- automatic cleaning option

Technical parameters

GAS SUBSTANCE MEASURED	MEASUREMENT UNIT	MEASUREMENT RANGE	RESOLUTION	ACCURACY +/-	MEASUREMENT METHOD
Oxygen	[%vol]	0 – 30 0 – 100	0.01 0.1	0.01 0.1	EC
Carbon dioxide	[%vol]	0 – 60 0 – 100	0.1 0.1	0.5 1	IR
Nitrogen	[%vol]	0 – 100	0.1	0.1	Oxygen Measuring

DISPLAY	5" LCD with highlight
VISUALISATION	simultaneous presentation of all results
POWER SUPPLY	rechargeable lithium-ion batteries
CHARGING TIME	2 to 6 h
WORK READINESS	typically < 2 min
REACTION TIME	15ml
CONTINUOUS OPERATING TIME	>8 h
WORK ENVIRONMENT	HUMIDITY TEMPERATURE PRESSURE
	5% – 95% RH -10°C – + 50°C 800 mbar – 1150 mbar
HOUSING	black, aluminum tightness class IP65/DIN EN 60529
DIMENSIONS	200 x 169 x 52-10 mm w zależności od wersji
WEIGHT	< 2000 g depending on the version and configuration

Other NANOSENS products

- Personal detectors
- Multi-gas detectors
- Meters for combustible and toxic gases
- Control and monitoring systems for gaseous substances
- Oxygen meters
- Analyzers of biogas composition
- Analyzers of protective atmospheres

Comply with

The standards harmonized with EU directives EMC 2004/108/WE i 94/9/EC ATEX with later changes

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