

Gaspase Advance



Fast accurate MAP headspace analysis for gas flushed food and pharmaceutical products

GS1 and GS1W for Oxygen analysis

GS2 and GS2W for Carbon Dioxide analysis

GS3 and GS3W for Oxygen & Carbon Dioxide analysis

The next generation Gaspase Advance from Systech Instruments. Fast, accurate, and simple to use yet full of the most advanced features available in headspace analysis.

All Gaspase Advance headspace analysers offer automatic calibration, automatic diagnostics and automatic control of the many functions. The Gaspase Advance gives confidence in the results and simplicity in operation, always working hard to maximize your production efficiency.

Applications

- Poultry
- Cooked and fresh meats
- Salads
- Fish Products
- Snack foods
- Pre-prepared meals
- Bakery Products
- Pharmaceutical headspace

With the Gaspase Advance you can....

Test easily

Using the large buttons and big clear display; testing is simple, errors are eliminated and no special operator training is required.

Test quickly

Using AutoSense allows many packs to be tested with just one button press. Saving you time and making your QA department more efficient.

Test all pack sizes

One analyser can test all pack sizes, down to 5cc, rigid cans and jars can be analysed with the simple to use Can Piercing station.

Test how you want to

With Timed tests, AutoSense, Peak / Valley, Syringe Direct Injection or Continuous testing. Fast configuration and fast selection, provides the test method that is best for you.

Simple configuration

Simple configuration for all test types and methods – no special training required to use all the highly advanced features.

Auto-Cal & Auto diagnosis

Ensures the instrument is always performing to it's highest degree of accuracy - essential for HACCP compliance.

Easy to see Pass / Fail messages

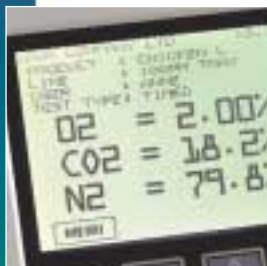
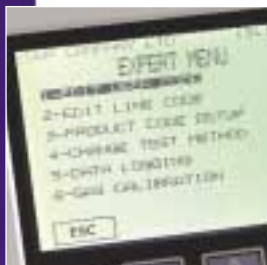
Speeds up the analysis process and removes any uncertainty with interpreting measurements.

Built-in printer option

Makes the documentation process a whole lot simpler. No cables and more space on the bench top.

You won't need to worry about the test results -

The Gaspase Advance *is* the right answer



Technical Specification

GS1 and GS1W	Oxygen	0 to 100%
GS2 and GS2W	Carbon Dioxide	0 to 100%
GS3 and GS3W	Oxygen	0 to 100%
	Carbon Dioxide	0 to 100%
	Balance Gas	0 to 100%
Response time	5 - 10 seconds	
Minimum volume of sample gas	5cc	
Accuracy	Oxygen	1% of reading
	Carbon Dioxide	+/- 2% of FSD
Range selection	Automatic to 3 decimal places	
	Oxygen:	0.001% to 99.9%
	CO ₂ :	0.1% to 99.9%
Display type	Wide angle 150mm x 100mm High Resolution LCD	
Operating conditions	Sample and ambient temperature: 10 to 40°C	
Sample connections	Needle probe, can piercing station or direct syringe injection	
Oxygen analysis	Miniature Zirconia probe	
Carbon Dioxide analysis	Single beam infrared	
Alarms	Programmable high/low limits for each measured gas, individual setting for up to 99 product codes. Screen and printed display of high/low alarm conditions	
Internal datalog	Stores measurement results and alarm conditions	
Communications interfaces	Serial computer interface for reports and data logging	
Auto diagnostic routine	Initiated upon power up	
Auto-cal	Auto calibration routine standard	
Auto pass/fail	User programmable. Screen and printed display of alarm conditions	
Auto test sequencing	Initiated by sample probe insertion into pack	

OPTIONS

Internal Printer	Prints the results and alarms for each test
Flexible package kit	Everything required for analysis from standard packets and pouches
Can Piercing Station	For analysis from rigid cans and jars
Carry Case	Aluminium framed flight case
Data Transfer Software	For configuration and downloading of reports and internal datalog

POWER REQUIREMENTS

Mains power	90-260 Vac, 50/60Hz – Automatically sensed
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GS ENCLOSURE CONFIGURATIONS

GS1, GS2 & GS3	Bench mounting Weight 4.5kg Stainless steel and Stove Enameled Aluminium Size: 390mm (w) x 270mm (D) x 140mm (H)
GS1W, GS2W & GS3W	Waterproof carrying case Weight 6.5kg Impact resistant ABS Size: 410mm (w) x 330mm (D) x 170mm (H)

The Gaspace Advance is also available with an electrochemical oxygen sensor (GS1L, GS3L) for measurements requiring only % levels of oxygen. All models are available in a waterproof carrying case (GS1W, GS2W, GS3W, GS1LW and GS3LW) for simple 'Close and Hose' operation. Further details of these variants are available upon request

Represented by

