Gaspace

Fast accurate headspace analysis for food and pharmaceutical products

Gaspace 1 **For Oxygen only**

Gaspace 2 **For Oxygen, Carbon Dioxide and Balance Gases**

The Gaspace is designed to meet all the requirements for the rigorous testing of gas packaged food and pharmaceutical products. With state of the art microprocessor control, the analyser gives a rapid and accurate measurement of oxygen (Gaspace 1) or oxygen, carbon dioxide and a balance gas (Gaspace 2).

Featuring clear LED displays, the instrument is easily controlled by the user through a touch keypad. By utilising the unique datalog facility, and configuring the Gaspace with the alarm, printer and computer interface options, it is possible to set up the most comprehensive and versatile gas headspace sampling system for quality control purposes.

Features

- Single touch automatic test and calibration
- Results in less than 5 seconds
- Requires only 5cc sample of gas for accurate reading
- Datalog (700 results) with internal non-volatile memory
- Automatic sampling
- Inbuilt sample flowmeter
- Microprocessor control
- User selectable sample time
- Product code identification facility
- Autoranging
- Fault diagnostics

Applications

- Poultry
- Cooked and fresh meats
- Salads
- Fish products
- Vial testing
- Snack foods
- Fruit and vegetable storage
- Pre-prepared meals
- Bakery products
- Pharmaceutical headspace

SYSTECH INSTRUMENTS

Gaspace

For more details on the Gaspace, or if you would like a full demonstration at your premises, then please contact us or our local agent.

Technical Specification

Ranges	Gaspace 1:	Oxygen	0 - 100%
	Gaspace 2:	Oxygen	0 - 100%
		Carbon Dioxide	0 - 100%
		Nitrogen	0 - 100%
Display	4 digit high visibility LED 12 character alphanumeric dot matrix		
Range selection	Automatic to 3 decimal places		
Response time	Between 5-10 seconds		
Minimum volume of sample gas	5cc		
Accuracy	Oxygen ±0.1% of reading (above 10%); Oxygen ±0.5% of reading (below 10%) Carbon dioxide ±0.1% (0 to 1%) ±0.2% (1-10%) ±2% of reading (above 10%)		
Ambient temperature	-10°C to +40°C		
Size	420mm (W) x 160mm (H) x 360mm (D)		
Weight	9 Kg		
Power	230/115 V ±10%, 50/60 Hz at 90VA		
Oxygen analysis	Miniature zirconia probe		
Carbon dioxide analysis	Single beam infrared detection		
Instrument case	Stainless steel		
OPTIONS			
Analogue signal outputs	Voltage 0 - 100 mV or 0 - 10 V Current 4 - 20 mA or 0 - 20 mA		
Alarms	4 volt free change over contacts, configurable for all measured gases. Programming of high/low limits for up to 99 product codes. Screen display of high/low alarm conditions.		
Communications interface	(i) Serial interface for printer or computer to run Gaspace software Parallel interface - to print test report, datalog, engineers report. Alarms (as above) and Gaspace software. (ii) As (i) with 80 column dot matrix printer		
Barcode reader			
Carrying case			
Rigid package and can piercing station			

SYSTECH INSTRUMENTS

Keison Products
P.O. Box 2124, Chelmsford
CM1 3UP, England

Tel: +44 (0) 1245 600560
Fax: +44 (0) 1245 600030
Email: sales@keison.co.uk

www.keison.co.uk

Represented by: