

HGA-01 Headspace Gas Analyzer is professionally applicable to the determination of the volumes and proportions of O<sub>2</sub> and CO<sub>2</sub> of sealing packages. Because of its portable design, the instrument could be used on production lines, at warehouses, or in laboratories, to serve as a guide for production and assure shelf life. Many packages are testable, including the packages for instant food, milk powder, bread, meat, medical products, cheese, coffee, soft drinks, agriculture products and MAP packages, active package, and anticorrosive packages.



### Professional Technology

- Portable Headspace Gas Analyzer could accomplish fast and accurate site test
- O<sub>2</sub> and CO<sub>2</sub> sensors are all imported from renowned countries with reliable and stable performance
- The instrument is designed with filtering function which prevents powder contents within specimen from damaging the sensor.
- It is convenient for customers to view test data by LCD, menu interface and PVC operation panel
- The instrument is controlled by micro computer, which could analyze and process test data, and export test reports
- Built-in data storage function could meet saving requirements for tons of data
- Portable design, and dual supply modes of power resource and battery facilitate to test in the lab or on production lines
- Equipped with micro printer and RS232 port for convenient PC connection and data transfer
- Support Lystem<sup>™</sup> Lab Data Sharing System for uniform and systematic management of test results and test reports

### Applications

HGA -01 Headspace Gas Analyzer is applicable to the determination of:

<b>Basic Applications</b>	Seal Packaging Bags	Test the volumes and proportions of O <sub>2</sub> and CO <sub>2</sub> in head space of seal packaging bags of coffee, cheese, milk tea, milk powder, bread, bean powder, instant food and drugs
	Packaging Containers	Test the volumes and proportions of O <sub>2</sub> and CO <sub>2</sub> in head space of packaging containers of coffee, milk powder, food, cheese, can, Tetra Pak, and beverage
<b>Extended Applications</b>	Ampoule Bottles	Test the volumes and proportions of O <sub>2</sub> and CO <sub>2</sub> in head space of ampoule bottles

### Technical Specifications

Specifications	HGA-01
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<b>Testable Gases</b>	O <sub>2</sub> , CO <sub>2</sub>
<b>O<sub>2</sub> Test Range</b>	0 ~ 100 %
<b>O<sub>2</sub> Test Accuracy</b>	0 ~ 2% : ±0.1% (absolute value) 2% ~ 100%: ±0.5% (relative value)
<b>O<sub>2</sub> Sensor Service Life</b>	> 6 years
<b>CO<sub>2</sub> Test Range</b>	0 ~ 100 %
<b>CO<sub>2</sub> Test Accuracy</b>	±2 %
<b>CO<sub>2</sub> Sensor Service Life</b>	> 15 years
<b>Sampling Volume</b>	Auto Mode < 12mL Manual Mode < 8mL
<b>Instrument Size</b>	350 mm (L) x 235 mm (W) x 150 mm (H)
<b>Power Supply</b>	AC 220 V 50 Hz
<b>Net Weight</b>	5 kg

## Configurations

<b>Standard Configurations</b>	Mainframe, Micro-printer, Sampling Needle, Filter, Seal Gasket and Portable Package
<b>Optional Parts</b>	Professional Software, Communication Cable, Pedal Switch, Sampling Needle, Filter, Seal Gasket, and Sampler for Rigid Packages