Labthink®

Professional

HGA-02 Headspace Gas Analyzer is equipped with professional structural and high precision sensors. It can provide accurate and fast evaluation of the volume and proportion of oxygen and carbon dioxide in sealed packages. Because of its portable design, the instrument could be used to test on production lines, at warehouses or in laboratories, to serve as a guide for production and ensure shelf life.

- O_2 and CO_2 sensors are all imported from renowned countries to ensure test accuracy
- Equipped with micro-printer for convenient data printing
- The instrument is controlled by micro-computer with LCD display, PVC operation panel and menu interface

Intelligent

HGA-02 Headspace Gas Analyzer utilizes micro-computer control system with data analysis, management and export functions. The build-in data storage function allows it to store a large amount of test data.

- Portable design and dual supply modes of power resource and battery facilitate to test in the lab or on production lines
- Equipped with standard RS232 ports and professional software for convenient PC connection and data transfer
- Supports Lystem™ Lab Data Sharing System for uniform and systematic management of test results and test reports

Applications

HGA -02 Headspace Gas Analyzer is applicable to the determination of:

Basic Applications	Seal Packaging Bags	Test the volume and proportion of O_2 and CO_2 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 volume and proportion of O_2 and CO_2 in head space of packaging containers of coffee, milk powder, food, cheese, can, Tetra Pak and beverage
Extended Applications	Ampoule Bottles	Test the volume and proportion of O_2 and CO_2 in head space of ampoule bottles

Technical Specifications

Specifications	HGA-02
Testable Gases	O_2, CO_2
O_2 Test Range	$0 \sim 100\%$

O_2 Test Accuracy	0 ~ 2%: ±0.3% (absolute value)
	2% ~ 100%:±0.5% (relative value)
O_2 Sensor Service Life	>6 years
CO_2 Test Range	0 ~ 100%
CO_2 Test Accuracy	±0.5%
CO_2 Sensor Service Life	>15 years
Sampling Volume	≥12 mL （Standard Atmospheric Pressure）
Instrument Dimension	350 mm (L) x 235 mm (W) x 150 mm (H)
Power Supply	AC 220V 50Hz
Net Weight	5 kg

Configurations

Standard Configurations	Mainframe, Micro-printer, Sampling Needle, Filter, Seal Gasket and Portable Package
Optional Parts	Professional Software, Communication Cable, Pedal Switch, Sampling Needle, Filter, Seal Gasket, Sampler for Rigid Packages and Lystem^TM Lab Data Sharing System

Please Note: Labthink is always dedicated to the innovation and improvement of product performance and function. Therefore, technical specifications are subject to change without further notice. Please visit our website at www.labthink.com for the latest updates. Labthink reserves the rights of final interpretation and revision.