Professional

HGA -03 Headspace Gas Analyzer is equipped with professional structural and high precision sensors. It can provide accurate and fast evaluation of the volumes and proportions of oxygen and carbon dioxide in sealed packages on production lines, at warehouses or in laboratories, to serve as a guide for production and ensure shelf life.

- The instrument automatically adjusts the test space according to the size of test specimen
- 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-03 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.

- The instrument utilizes automatic lifting stand and the whole test process is completely automatic
- Designed with filtering mechanism which prevents powder contents within specimen from damaging the sensor
- Provides diversified analysis modes to meet distinct user requirements
- Equipped with standard RS232 ports and professional software for convenient PC connection and data transfer
- Supports Lystem™ Lab Data Sharing System, which ensure uniform and systematic management of test results and test reports

Applications

HGA-03 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-03
Testable Gases	O_2, CO_2
O_2 Test Range	0~100%
O_2 Test Accuracy	0~2%: ±0.1% (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	±2%
CO_2 Sensor Service Life	>15 years
Sampling Volume	Auto Mode: 3.6 mL Manual Mode: <5 mL
Instrument Dimension	400 mm (L) x 330 mm (W) x 800 mm (H)
Power Supply	AC (85~264) V (47~63) Hz
Net Weight	37 kg

Configurations

Standard Configurations	Mainframe, Micro-printer, Sampling Needle, Filter and Seal Gasket
Optional Parts	Professional Software, Communication Cable, Pedal Switch, Sampling Needle, Filter, Seal Gasket and Lystem™ Lab Data Sharing System

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