

i-Process 6910 Headspace Gas Test and Data Processing System

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System is professionally used to test the volume and proportion of O₂ and CO₂ in sealed packages. i-Process 6910, available for on-site determination, can provide accurate evaluation for gas content and proportion to guide production and ensure shelf life.

Many packages are testable, such as packages for instant food, milk powder, bread, meat, medicine, cheese, coffee, soft drinks

and agriculture products as well as MAP packages, active packages and anticorrosive packages.

Furthermore, the instrument supports ULab for comprehensive online data management.



(Note: residual oxygen volume analysis is vital for milk powder industry.)

Functionality

- The sensors of O₂ and CO₂ are supplied by the world famous brands to ensure reliable overall product performance
- Special design makes the whole testing process, including sample piercing and gas analyzing, completely automatic
- Equipped with filtering mechanism to prevent powder content within specimen from blocking the instrument
- Intelligent reminder for sensor calibration guarantees the safety of operation
- Professional software can conduct statistics for instrument usage rate and test frequency, test result evaluation, and thorough display of test data
- Dust or water proof structure makes it more suitable for on-site measurement
- Equipped with barcode scanner and micro printer which is convenient for data input and transfer
- The instrument utilizes embedded computer control system and supports ULab data processing software to provide easy operation of tests

Applications

Basic Applications	Seal Packaging Bags	Test the volume and proportion of O ₂ and CO ₂ in head space of non-vacuum 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 (Underwater sampling set is needed)

Extended Applications

Ampoule Bottles

Test the volume and proportion of O₂ and CO₂ in head space of ampoule bottles (Underwater sampling set is needed)

Technical Specifications

Items	Specifications
Test Gas	O ₂ , CO ₂
O ₂ Test Range	0~100%
O ₂ Test Accuracy	0% ~ 2%; ±0.3% 2% ~ 100%; ±0.5%
O ₂ Sensor Lifetime	>6 years
CO ₂ Test Range	0~100%
CO ₂ Test Accuracy	±0.5%
CO ₂ Sensor Lifetime	>15 years
Sampling Value	≥12 mL (Standard Atmospheric Pressure)
Instrument Dimension	600 mm (L) x 450 mm (W) x 600 mm (H)
Power Supply	220VAC 50Hz
Net Weight	25 kg

Configurations

Standard Configurations	Instrument, Professional Software, Sampling Probe, Filter, Sealing Pad, Wireless Data Interface, Micro-printer and Wireless Data Module
Optional Parts	<p>Pedal Switch, Sampling Probe, Filter, Sealing Pad and Sampler for Rigid Packages, Underwater Sampling Set</p> <p>ULab Data Management System for Packaging Testing: Software (optional), Server (optional), WEX-01 Wireless Data Exchange Server (optional), WEX-02 Wireless Data Exchange Server (optional), High Gain Antenna (optional), Printer (optional)</p> <p>Note: The devices above are optional and can be selected according to the quantity of the testing instruments. If only one testing instrument is purchased, one ULab system and one set of WEX-02 are needed.</p>

Please Note:

- ❖ Pictures used are for illustration purposes only and may differ from the actual product received.
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