i-Process 6910 Headspace Gas Test and Data Processing System is professionally used to test the volume and proportion of O_2 and CO_2 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 O_2 and CO_2 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	Sealed Packaging Pouches	Test the volume and proportion of oxygen and carbon dioxide in packages for coffee, cheese, milk powder, tea, bread, instant food and pharmaceuticals
	Packaging Containers	Test the volume and proportion of oxygen and carbon dioxide in packaging containers for coffee, milk powder, canned food, cheese and beverage as well as Tetra packages

Technical Specifications

Items	Specifications
Test Gas	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 Lifetime	>6 years
CO_2 Test Range	0~100%
CO_2 Test Accuracy	±2%
CO_2 Sensor Lifetime	>15 years
Sampling Value	10 mL (Automatic); 15 mL (Manual)
Instrument Dimension	600 mm (L) x 450 mm (W) x 600 mm (H)
Power Supply	AC 220V (47~ 63) Hz
Net Weight	25 kg

Configurations

Standard Configurations	Mainframe, Professional Software, Sampling Probe, Filter, Sealing Pad, Wireless Data Interface, Micro-printer, ULab Data Processing Software and Wireless Data Module
Optional Parts	Pedal Switch, Sampling Probe, Filter, Sealing Pad and Sampler for Rigid Packages ULab: High Gain Antenna, Server and Printer

Please Note:

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

❖ Labthink International 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 International reserves the rights of final interpretation and revision.