

i-Process 6610 Leak & Seal Test and Data Processing System

i-Process 6610 Leak & Seal Test and Data Processing System is professionally designed for the on-site measurement of seal strength, seal quality, bursting pressure, compression resistance and leakage of flexible packages, aseptic packages and many others. The instrument supports ULab for comprehensive online data management.



Functionality

- This instrument is based on the positive pressure method and provides dual test methods for customers to choose between restrained distension and unrestrained distension
- Two test modes of burst and creep can satisfy different test requirements
- Different test ranges are available and maximum test pressure can be extended to 1.6MPa to support combinations of non-standard test conditions
- 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

Test Standards

This instrument conforms to many national and international standards: ASTM F1140, ASTM F2054, ISO 11607-1, ISO 11607-2, GB 10440, GB 18454, GB 19741, GB 17447, GB/T 17876, GB/T 10004, BB/T 0025, QB/T 1871, YBB 00252005, YBB 00162002

Applications

Basic Applications	Films	Test compression resistance of full sealed or three-side sealed packages made from plastic films, aluminum films, paper-plastic films and aluminum-plastic films, etc.
	Blister Packs	Test compression resistance of various blister packs
	Air Cushions and Air Bags	Test leakage of air bags, air cushions and other related products, e.g. safe airbags, lifesaving devices and air pads for transportation

Infusion Bags and Bottles	Test leakage of medical infusion bags and bottles
Medical Apparatuses	Test leakage of medical apparatuses, aseptic pouches and other related products. (Customization is required for gas injection head with large diameter, flow valve, magnetic valve and pressure reducing valve)
Flexible Packages	Test seal strength, seal quality, bursting pressure and leakage of various flexible packages at restraint distension, e.g. food packages, medicine packages and composite packages

Technical Specifications

Items	Specifications
Test Range	0 ~ 600 KPa; 0~87.0 psi (Standard) 0 ~ 1.6 MPa; 0~232.1 psi (Optional)
Resolution	0.1 KPa
Accuracy	0.1% FS
Gas Supply Pressure	0.4 MPa~ 0.9 MPa (outside of supply scope)
Port Size	Φ8 mm PU Tubing
Instrument Dimension	600 mm (L) x 450 mm (W) x 600 mm (H)
Power Supply	AC 220V (47~ 63) Hz
Net Weight	42 kg

Configurations

Standard Configurations	Mainframe, Professional Software, Test Frame, Wireless Data Interface, Micro-printer, ULab Data Processing Software and Wireless Data Module
Optional Parts	LSSD-01R Fixture for Closed Package Restraining Test, LSSD-01P Fixture for Open Package Unrestrained Test, LSSD-01C Fixture for Plastic Pilfer-proof Closure Test, LSSD-01F Fixture for Flexible Tube Test, LSSD-01A Fixture for Aerosol Valve Seal Performance and Pedal Switch ULab: High Gain Antenna, Server and Printer
Note	1. The gas supply port of this instrument is Φ8 mm PU tubing; 2. Customers will need to prepare for gas supply.

Please Note:

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