

SKYE 2000a



Applications

- To help predict shelf life of food and drug products based on leak rate with various packaging materials.
- Burst/Seal strength testing of all types of packaging including flexible packages, rigid packages, snacks, canisters and open and closed-end tubes.
- Aids in development of new and improved package designs.
- For Q.C. or production to monitor packaging operations and to control quality of packaged products.
- Sterile medical supplies can be tested for leaks.

Combination Package

- Leak Detector
- Burst/Seal Strength Tester

FLEXIBLE AND RIGID PACKAGE TESTING

ETL Listed, Conforms to UL Std. 3101-1

Combination Package Test System for Leaks and Burst/Seal Strength From MOCON... The SKYE 2000a.

The SKYE 2000a is a microprocessor-controlled package test system that gives an accurate and totally reproducible measurement of package integrity and seal strength. This automatic test system identifies very quickly (approximately 15 - 30 seconds for an average test) the stress areas and weaknesses of the package. The system includes a closed package fixture (pictured above) for pneumatically testing a variety of fully sealed packages, or an open package fixture (not shown) for packages sealed on three sides. Two probes (needle heads) are available for different applications.

The Benefits

- Performs fast, easy and accurate leak and burst tests
- Quick identification of problem areas
- Quantitative data to adjust production
- Minimizes rejection rates
- Checks quality of outgoing packages
- Aids in package development
- Data **not** subject to variable operator interpretation
- Correlative test data for comparison with other sites or departments
- Rugged enough for production testing
- Works on most package sizes

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The SKYE 2000a Combination Package Testing System

Do You Ever Have Quality Issues?

What if you had a Burst or Seal Strength Problem?

Is your package strong enough to take the bumps of shipping and handling? Will it remain a sealed package when the customer buys it? Or, are you over-designing the package?

A SKYE 2000a would help identify problem areas. Measure your package strength today to analyze for immediate or potential problems. Is redesign or corrective action needed? The SKYE 2000a will help you find out. (Average test time is 15 to 30 seconds).

What if you have Leaking Packages?

Leaks can cause short shelf life and other quality problems. Improper sealing procedure and weakness in packaging materials are hard to detect without sensitive instruments.

With a SKYE 2000a you will find the problem before a customer, and before too many leaking packages are produced. Take random production samples to test, and with this sensitive system find problems and adjust the production process.

How does the SKYE 2000a compare to the water test method?

The SKYE 2000a is not operator dependent where subjective answers can be an issue. It has shorter testing times, and is not messy. From a technical perspective, the capillary action of water can give "fake" results, where the SKYE 2000a can detect even micro holes in small packages. Data not subject to variable operator interpretation.

Call your MOCON representative and see how the SKYE 2000a Combination Testing System can assist you and why it has become so popular.

Technical Specifications

Air Supply Pressure	Max: 35 psi Min: 2 psi above test pressure Air supply to be clean and dry
Power Requirements	100/120/220/240 volts 50/60 Hz
Power Consumption	Standby: 25 VA Operation: 50 VA
Communication	RS232 output standard
Dimensions	Console: 10" width, 11.5" depth, 6" height (25.4 cm, 29.2 cm, 15.2 cm) Closed package fixture: 10" width, 10" depth, 16.5" height (25.4 cm, 25.4 cm, 41.9 cm) Open package fixture: 13.5" width, 6" depth, 3.75" height (34.3 cm, 15.2 cm, 9.5 cm)
Ambient Temperature	+15 C (59 F) to 32 C (90 F)
Ambient Humidity	0 to 90% RH, noncondensing
Resolution	1mmHg, 1 in H ₂ O, 0.1 psi, 0.01 bar
Reproducibility	± 1% of reading or 0.15 psi, whichever is greater

Visit our website at
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