

# TEST-A-PACK

## Custom Package Testing Solutions

Introducing the **F100-3000**



*Detects leakage to 10 microns  
PASS/FAIL testing up to 8 packages*

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# F100-3000

The F100-3000 Non-Destructive Leak Tester is a bench top tester designed to find package holes as small as 10 microns.

This leak tester has a simple PASS/FAIL interface and includes fixturing to accommodate up to eight packages depending on sample sizes. Chamber may be customized upon request to handle higher package quantities.

Sealed containers with a flexible lid must contain some volume of air, which is crucial to the operation of the leak detector. When exposed to a vacuum, the air within the container exerts a force against the flexible lid of the container. This force deflects the leak detector's sensor. If the package leaks, the lid will begin to fall and the sensor will detect this motion. The Quantitative Data Results Screens show test data for individual packages. Values include the gross limit, current reading, peak value, and peak value minus the sensitivity value.



***Custom fixturing is available to accommodate a variety of packages.***

## ANALOG AND DIGITAL SPECIFICATIONS

Sensor Analog Sensitivity:	.00032 inch per mV
Sensor Digital Sensitivity:	.0004 inch per bit
Minor Leak Sensitivity:	User Programmable
Gross Leak Threshold:	User Programmable

## OPERATION SPECIFICATIONS

Test Vacuum:	1 – 25 inches – mercury column
Supply Vacuum:	1 inch of mercury column above desired test vacuum
Supply Pressure:	90 psi – 120 psi
Supply Voltage:	110 or 220 vac 50/60 Hz