

SQZ

In-line Leak Testing Machine for Stick Packs



The Leak Testing Machine is used for in-line Non-Destructive Form/fill/seal Stick Pack Closure Integrity Testing. It uses the Force Decay Measurement Method which is accomplished respectively by Container lanes smooth-pressing and successive position level acquisition. The Container lane proportional reaction is then corresponding to the Container status. Following Leak Testing process, the Containers are automatically unloaded from Testing Area and they are managed according to the result. Whether the result is Conforming or Non Conforming, the HMI clearly displays the status.

Key Objectives and Benefits

Containers automated loading and unloading High leak detection sensitivity. Fast, reliable and repeatable test results. Non-invasive and Non-destructive Test Method. Works on a broad range of hermetically form filled sealed package systems and Containers. Enhanced easy-to-use HMI integrated functions. Low Maintenance. Ease of maintenance: free access to all moving parts. Quick change over. Storage, maintenance, and download of historical data (production, tests, events, alarms).

HMI Real Time display of Leak Testing Cycle diagram. Computerised system is designed to comply with FDA 21 CFR Part 11 and EU Annex 11 Validation Package guarantees complete and efficient regulatory compliance.

Technical Specifications

Tested Container	
Container Filling	Filled.
Container Content	Liquid, Powder, Semi-solid.
Machine Type	Linear Leak Tester.
Testing Methods	Force Decay.
Max speed	Cpm
Min Container Dimension	25 x 10 x 2
Max Container Dimension	150 x 10 x 10
Testing Heads Number	from 3 to 20