

LF-TRM

Off-line Leak Testing Machine for Prefilled Syringes Nests



The Leak Testing Machine is used for off-line Non-Destructive Integrity Testing of Nests (Trays) of pre-filled syringes. It performs the Leak Testing process on one Nest at a time by means of a Testing Section under Vacuum. Whether the result is Conforming or Non Conforming, the HMI clearly displays the status on the screen.

Key Objectives and Benefits

- Reliability guaranteed above 99%
- Precise detection of micro leaks
- High repeatitivity
- Very low noise levels
- Easy cleaning
- Low energy consumption
- Almost maintenance-free
- Simple to use
- Low investment cost
- Very fast pay back
- High sensitivity
- Displaying recording and printing of the tests carried out
- Leak testing method according to ASTM F-2338-05
- Validation documentation to comply with FDA protocols
- Real Time software based on soft PLC platform sharing data with as simple HMI application via OPC technology.

Technical Specifications

Tested Container	PFS Nest.
Container Filling	Empty.
Container Content	Liquid.
Machine Type	Laboratory Leak Tester.
Testing Methods	Vacuum Decay.
Max speed	Cpm
Min Container Dimension	60 x 60 x 30 mm
Max Container Dimension	260 x 230 x 100 mm
Testing Heads Number	1