

LF-S

Offline Single Head Container Closure Integrity Tester



- The machine is designed for non-destructive integrity testing of containers.
- The machine is suitable for laboratory applications, statistical purposes and off-line testing.
- The measurement system comprises applying a pressure differential into an airtight testing group surrounding the container (Patent No. 1225063 of 13-9-1988). The test objective is to detect container leakages by measuring the target pressure level as well as the pressure change over test time.
- The measurement system follows the approved industry standard "ASTM F2338-09":
 - > "Standard test method for non-destructive detection of leaks in packages"
 - > The test method is a recognised consensus standard by the United States Food and Drug Administration (FDA), Center for Devices and Radiological Health (CDRH), effective March 31, 2006 (Reference: Federal Register Notice FR Notice (list #014) [Docket No. 2004N-0226]

Key Objectives and Benefits

- Fully automated test cycle sequencing with manual loading and unloading of Containers.
- High leak detection sensitivity.
- Fast, reliable and repeatable results.
- Non-invasive and Non-destructive Test Method.
- Compact and durable design.
- Enhanced easy-to-use HMI integrated functions.
- System autodiagnosics available.
- Maintenance-free.
- Easy to clean & no hidden corners.
- Cost-effective solution.
- Quick change over.
- Low power consumption.
- HMI Real Time display of Testing Cycle diagram.
- Validation Package guarantees complete and efficient regulatory compliance.

Technical Specifications

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| Tested Container | Vials, Monobloc , PFS Nest, Pouches, IV Bags , Flowrapped Device , FFS , BFS , Carpule, Pre Filled Syringes , Bottles, Ampoules . |
| Container Filling | Closed, Empty, Filled. |
| Container Content | Lyophilised, Liquid, Powder, Semi-solid, Solid. |
| Machine Type | Laboratory Leak Tester. |
| Testing Methods | Vacuum Decay, Pressure Decay. |
| Max speed | Cpm |
| Min Container Dimension | 8 x 8 x 5 mm (LxWxH) |
| Max Container Dimension | 250 x 250 x 300 mm (LxWxH) |
| Testing Heads Number | 1 |