

THE MULTI-PURPOSE LEAKAGE DETECTION MACHINE

Multiple tasks solved in one machine



Leakage detection/Product flow arranging machine

Designed for pharmaceutical production. The machine is based upon a linear servo drive system which enables each incoming product to be handled individually regardless of the characteristics of the incoming product flow. Yet the outgoing flow is always arranged in an even manner and synchronized with downstream equipment due to a built-in buffer system. This makes the machine the ideal solution for feeding flow wrapping machines etc.

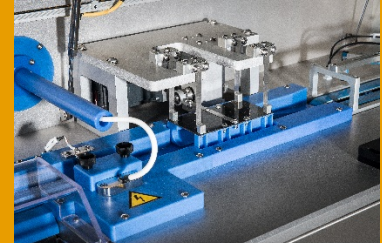
The machine can detect pinholes in plastic BFS (Blow-Fill-Seal) products using world class leakage detection technology from Brevetti C.E.A. Defective products are rejected into a reject bin which can be emptied at any time during production.

Main features

- Compact and open
- Hygienic GMP design for pharmaceutical production.
- Integrated leakage detection unit
- A vibration unit removes air pockets inside the product which would otherwise cause defective readings.
- Reject function for defective products
- Arranges a random incoming product flow to an even outgoing flow
- Ozone generated is removed with built-in fan and filter unit.
- User-friendly HMI.

Options

- User authorization using central Active Directory server.



Technical Data

Product flow capacity:
Input speed: 0-150 ppm uneven flow
Output speed: 0-150 ppm even flow
Detectable hole diameter: $\geq 15\mu\text{m}$
Product conductivity: $\geq 10\text{mS/m}$

Machine dimensions

Length 2,6 m
Width 0,9 m
Height 1,2 m

Media requirement

Electrical - 400V, 25A
Air Supply - 6 Bar