



HIGHLIGHTS



- Zero alteration of container features
- High machine adaptability & stability
- Easy management
- Low energy consumption
- Low & Ease of maintenance: free access to all moving parts
- Industry 4.0 Environment compliant

VLD

Leak Tester

100 % In-Line Machine for Non-Invasive, Non-Destructive Integrity Inspection at high production speed for empty containers (such as Pails, Composite Cans, 3 Pieces Cans, 2 Pieces Cans, Metal Canning).



TECHNICAL FEATURES



Container Application: Pails, Composite Cans, 3 Pieces Cans, 2 Pieces Cans, Metal Canning

Container Dimensions: From Ø 52 x 34 mm (h) to Ø 158 x 300 mm (h)

Speed: Up to 1200 cpm

Technology: Vacuum Decay Method

Inspection Features: Non-Invasive, Non-Destructive CCIT based on Vacuum Decay Method

Inspection Capabilities: Microleaks detection

ADDITIONAL BENEFITS



- Low investment cost
- Reliability guaranteed above 99 %
- Enhanced easy-to-use HMI integrated functions
- Quick format change
- HMI real time display of statistics and raw data
- Noise levels well within allowed limits

TECHNOLOGY



Container Closure Integrity Testing is a non-destructive measurement technology based on **Vacuum Decay Method** performed while the package itself is held within an hermetically sealed test chamber.

Vacuum Decay test measures the loss of vacuum inside the testing chamber as a result of headspace gas leakage from the package.

The monitoring of the vacuum level allows to identify microleaks and rejecting the faulty container.

The leak testing machine measurement system is designed to identify the presence of leaks on containers due to:

- (Micro) holes
- Inappropriate sealing
- Cracks

QUALITY ASSURANCE



Equipment test method refers to:

- Approved industry standard "**ASTM F2338-09**": "Standard Test Method for Non-Destructive Detection of Leaks in Packages"