



RLD 250

Leak Tester

100 % In-Line Machine for Non-Invasive, Non-Destructive Integrity Inspection at high production speed for empty containers (such as Tubes and Metal Canning).



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

TECHNICAL FEATURES



Container Application: Tubes

Container Dimensions: From \varnothing 13 x 50 mm (h) to \varnothing 50 x 230 mm (h)

Speed: Up to 200 cpm

Technology: CCIT

Inspection Features: Non-Invasive, Non-Destructive CCIT based on Pressure 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 **Pressure Decay Method**.

Measurement system comprises applying a pressure differential into an airtight testing group enclosing the container.

The test objective is to detect container leakages by measuring the reached pressure level as well as the pressure change over test time.

QUALITY ASSURANCE



Equipment test method refers to:

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