



# RLD 230S

## Leak Tester

100 % In-Line Machine for Non-Invasive, Non-Destructive Integrity Inspection at high production speed for empty containers (such as Pails, Drums, Composite Cans, 3 Pieces Cans, 2 Pieces Cans, 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
- Full integration in Industry 4.0 Environment

## TECHNICAL FEATURES



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

**Container Dimensions:** From Ø 52 x 29 mm (h) to Ø 400 x 700 mm (h)

**Speed:** Up to 1200 cpm

**Technology:** CCIT

**Inspection Features:** Non-Invasive, Non-Destructive CCIT based on Vacuum or 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 the following testing methods:

- Vacuum Decay Method
- 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"
- No Unhooking: Star wheels safety clutch
- Full Batch Control Testing: Fast reliable and repeatable