



**BA.SCO.** Srl  
Automatic can testers



# BPS LEAK-TESTERS

Empty aerosol cans



**TYPE OF TEST: HIGH PRESSURE UP TO 12 BAR**

| Product range     | BPS 9 Ae | BPS 18 Ae | BPS 24 Ae | BPS 32 Ae | BPS 36 Ae |
|-------------------|----------|-----------|-----------|-----------|-----------|
| can diameter (mm) | 45 - 65  | 45 - 65   | 45 - 65   | 45 - 65   | 45 - 65   |
| can height (mm)   | 90 - 320 | 90 - 320  | 90 - 320  | 90 - 320  | 90 - 320  |
| max output (cpm)  | 90       | 150       | 180       | 250       | 320       |
| number of heads   | 9        | 18        | 24        | 32        | 36        |

|                   |   |
|-------------------|---|
| can conveyor      | <i>lateral execution only</i>                                 |
| level of work     | <i>mm 1050 adjustable</i>                                     |
| sense of rotation | <i>counter clockwise (on request it can be opposite)</i>      |
| height changeover | <i>electrical device with display; required time 1 minute</i> |

# MAIN FEATURES

For empty aerosol cans and other containers which must contain products under pressure which need a very high test accuracy level in a way to avoid that the micro-leaks are not detected.

With these testers it is possible to detect the micro-leaks, realizing in each can an high pressurization and verifying with high quality transducers that the pressure values remain stable during the entire test cycle. The test is carried out inside special steel bells; the cans are placed into them by a mechanical can lifting system that permits a quick translation to the upper position.

## LEAKING CANS EJECTION SYSTEM WITH DOUBLE TRACK CONVEYOR

Double track exit conveyor: the leaking cans are moved to the second track so that any risk of damage is avoided.

## CLAMPED CAN SYSTEM

Every aerosol can is clamped by a special pincer that allows it to remain clamped from the dome during the test cycle. This system have been well tested through many years of experience.

## EASY MAINTENANCE OPERATIONS

Special system that opens the mechanical cam of the machine allowing to the can lifting groups to remain in low position: this means a perfect access to the leak-tester during the maintenance operations.

## EASY BA.SCO. ELECTRONIC

No software or electronic knowledge is required.

The software and the electronic system for the micro-leak detection are placed in a single electronic print that is equipped on every testing bell. These prints are interchangeable.

## GRAPH SHOWING THE LEAKING CURVE ON THE DISPLAY

You can visualize on the leak-tester display the graph showing the leaking curve concerning every aerosol can that have been tested.

## TESTING BELL CONTROL SYSTEM

A vacuum is created inside each testing bell to verify continuously that they are perfectly airtight.

## LSS (Optional)

The LSS (Leak Simulation System) allows to simulate micro-leaks of 2-3 cc/min. on each single testing bell. You can select the testing bell to be verified by a push-button panel in every moment during the production.

## BA.SCO. DRIVER (Optional)

Control software that allows to download to your PC all the working data of the leak-tester.



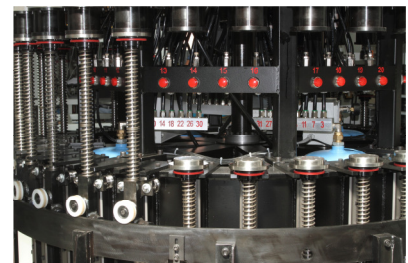
LSS



BA.SCO. ELECTRONIC



DOUBLE TRACK EXIT CONVEYOR



MECHANICAL CAM OPENING



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