

# QUALITY CENTER FOR BOTTLES

## Quality Center **QC-LW-1L**

### OPERATION

This leakage and weight testing equipment QC-LW-1L is based in the union of a lineal leakage tester and a lineal weighing machine with a technology of microprocessor which allows a wide range of performances such as weighing bottles, detecting microleakages with a selected value of sensitivity, detecting blurs around the mouth and botton of bottles (optional). The wholly automatic system means an easy handling, maintenance, and no special requirements of performance.

With this QC-LW-1L system, the packaging of proper bottles is guaranteed and a diminishing in the rate of line stops and improvement of the product image on the market occurs.

Moreover, a wide range of additional performances and adaptations are available, all of which are accessible and programmable on a keyboard and display.

### CHARACTERISTICS

Basically this equipment consists in a supporting mechanical unit, a pneumatic unit for commands and execution, and an electronic unit for control and signs.

These are the main features:

- Metallic painted structure with cover. Height adjustable legs for conveyor from 650 up to 1.250mm.
- A testing headstock (1.000 u/h) composed by:
  - Crosshead with height control device (rack, crank, brake).
  - Guided jib with cylinder D40/C50.
  - Detecting headstock for leakages and microleakages.
- Weighing module with the following main characteristics:
  - Maximum weighing speed 800 u/h.
  - Maximum weighing capacity 1.000 grs.
  - Division.- 0.5grs, 1 grs.
  - Precision.- 1%.
- Horizontal jib (pneumatic driving) with guide for displacing bottles from conveyor to platform.
- Reject unit for defective bottles to be installed on conveyor. (Leakage of weight non-fulfilment).
- Programming by tight keyboard and displaying of performance parameters.
- Automatic calibration and allowed level of leakages.

For higher productions and further operations, please contact our staff.



### TECHNICAL SPECIFICATIONS

- **Production:** up to 1.000 u/h
- **Pneumatic supply:** Filtered air between 3 and 8 Kg/cm<sup>2</sup>
- **Air consumption:** between 1.000 and 4.000 NI/H
- **Electrical supply:** 220 Vac. 50/60 Hz
- **Installed power:** 300 W.
- **General dimensions:** 850x950x2300 mm

### OTHER EQUIPMENTS

- Lineal and rotary testers etc.
- Automatic bagging machine with thermo-sealing.
- Palletiser for empty bottles.
- Boxing and palletising robot.
- Special conveyors for bottles.
- Desk and unpalletising robot.
- Systems for inserting handles on the neck of bottles.
- Weight-in-a-box testers.



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