

## Electronic vacuum detector



OEM	UNIMAC-GHERRI
Model	GG 670
Country of origin	Italy



### Description:

New measuring system with detection effected without contact between sensor and cap. Suitable to detect the vacuum presence and/or the lack of cap on jars, bottles and cans filled with food products and closed with Regular and Medium Twist-Off, Deep Twist-Off, Pry-Twist, Pry-Off, Press-On caps.

The detector can handle

- Caps: ranging from min. dia 43 mm (smaller diameters and aluminium caps: to be checked by our Technical Dept)
- Containers: dia 28 - 200 mm, H 30 - 300 mm

Output 24.000 containers/hour

Max. conveyor speed 50 m/min (higher speeds: to be checked by our Technical Dept.)

The Detector can be used on lines at modulated speeds (with encoder).

Advantages:

- The unit can be entirely programmed by the keyboard, by a very practical self-learning function
- For any kind of production you can memorize the reference program by entering the following values in the parameters: minimum acceptable vacuum value, tolerated planarity, dimensions of cap and container

The detection algorithm ensures a proper detector operation, without being affected by the variation in the cap edge profile or by the distance between caps (which can form an uninterrupted row)

The system is equipped with a visual/acoustic alarm, programmable according to the control specification required: achieving the set number of ejected pieces and/or ejection type

It is also possible to control the stop of the capping machine (or another upstream / downstream equipment) depending on programmable error causes (i.e. total consecutive and/or percentage number of ejected pieces)

The user panel, which enables to set the operator language (with Latin characters), shows all the production data: quantity produced, conveyor speed, pieces ejected, etc.

Technical data of the basic machine:

- Tension: 230 V - 50/60 Hz
- Installed Power: 0,5 kW (Logic Unit Max. Absorption 18 VA)
- Compressed air: 4-6 Bar
- Air consumption : 0,26 Nl/h at 6 bar
- Overall dimensions: 1300 x 700 x H 800 mm
- Weight: 50 Kg