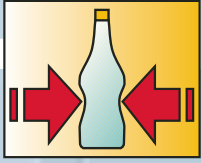


# LOGISQUEEZER



*Patent Pending*

## Bottles and PET containers seal control system.

System for the detection of full bottles seal. Compact, simple, easy to be installed, it represent the ideal solution to everyone's searching for a reliable system, in respect to the most severe hygienic standard. Squeezing the bottles side during their normal running onto the conveyor, it analyzes the pressure change inside the container, specifically detecting air leaks due to micrometrical holes.

Through a progressive and in the same time quick and resolute action, you can reach quite high pressures inside the container, without creating anyway defeats on the well closed containers.



The exclusive detection system allows a double analysis of the bottle running curve. We get therefore a mechanically simplified system, more compact and hygienic.

Assuring the integrity of the container it represent the ideal control system for aseptic products, and find great application even for flat water or pressurized products lines. Particularly suitable for PET containers with chemical products.

# LOGISQUEEZER

## Main characteristics:

Easy, compact and clean mechanical group for bottle compression.  
 Size motorized adjustment (automatic changeover).  
 Stainless steel frame.  
 Stainless steel electric cabinet.  
 Multiprocessor operating electronics.  
 Interfacing operator with coloured graphic monitor and touch screen.  
 Ethernet interface for connection to remote PC.

## Main functions:

Containers pressure control.  
 Closure system seal control.  
 Container integrity control.  
 Stop signal upstream machines for consecutives rejections (the number of rejections is programmable).  
 Data visualization:

- Measured instantaneous pressure.
- Instantaneous deviations last rejected container.
- Production speed.
- Total number passed container.
- Rejections number for under-pressure.
- Rejections number for over-pressure.
- Total number right containers.

## Messages of setting (4 languages of series):

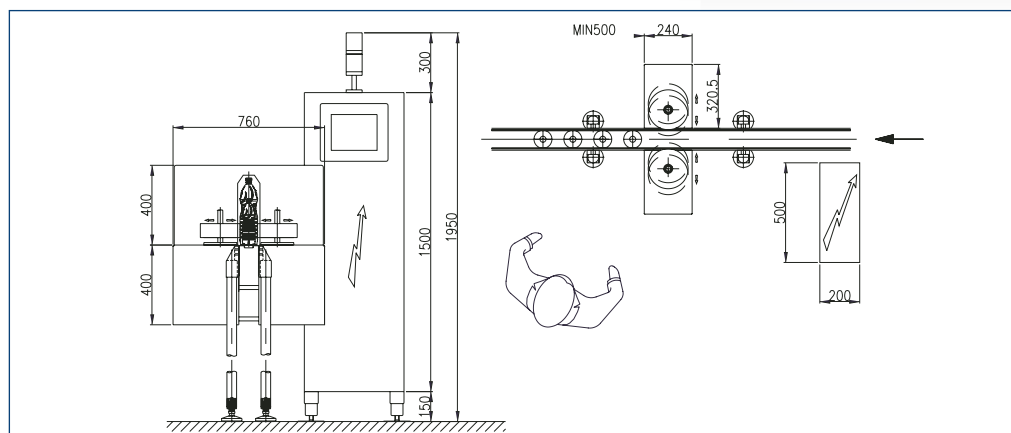
- Setting.
- Alarms.
- Diagnostics.
- Arrangement for continuous rejection from filling machine.
- Exit signal for bad containers ejection.
- Current ejector exclusion.
- Alarms current indicator lamp.



## Technical specifications:

Max operative speed	60 m/min
Software filters	Current, for the optimization of the characteristic of system speed and precision
Power supply	230Vac + F + N +Pe 50/60Hz
Absorbed power	2000 V.A.
Approvals	A norma CE
Weight	100 Kg
Measure sensibility*	leaks over 0,1 mm

\* = depending on the line speed, on the container characteristics, and on the leak position.



## Extensions:

- Seal camera inspection.
- Level control through high frequency or X-ray system.
- Level control through camera with patent pending optical system.
- Monitoring system and sampling for filling and capping process.
- Electro pneumatic ejection system Logipush.
- Electro pneumatic ejection system Logisort.
- Counts and statistical data printing with date and time.
- Ethernet interface for networking connection.
- Modbus protocol
- Calculus of level variation depending on the product temperature.



the inspection systems for bottling lines

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