

Fill level inspection

CL600-HF / CL600-RX



Fill level inspection **CL600-HF / CL600-RX**



A system for checking/measuring fill level in glass, PET or HDPE containers for "HF" (high frequency) series or any type of liquid in any kind of container including aluminium for "RX" (X-ray) series; designed for plants where you need quick, real-time information on the filling system using graphic displays that show current average error and production total; connected in feedback to the filler, inspection results are recorded for all the valves and capping heads. It is also possible to perform sampling cycles with specific objectives. Level inspections can be extended to check for caps, capsules, and wire cages, either in the same station or in remote stations.



CL600-RX



CL600-HF

This is a new system designed to combine standard inspection-related functions with the need to supply current production data in an immediate and intuitive format, to enable prompt intervention.

It is the most inexpensive way of fulfilling the ever increasing need to optimise the filling process through immediate analysis of the data acquired from individual valves and capping heads.



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CL600-HF-RX

Fill level inspection

CL600-HF

CL600-RX



MAIN FUNCTIONS

- measurement of minimum and maximum level
- level adjustment self-learning from keyboard
- displaying results (total and subdivided by cause)
- graphic display of current average error
- graphic display of product lot status
- standard deviation
- full self-diagnosis, display of alarms/failures with acoustic-light indicator
- reject management for external cause by remote signal
- faulty bottle rejection

BASIC FEATURES

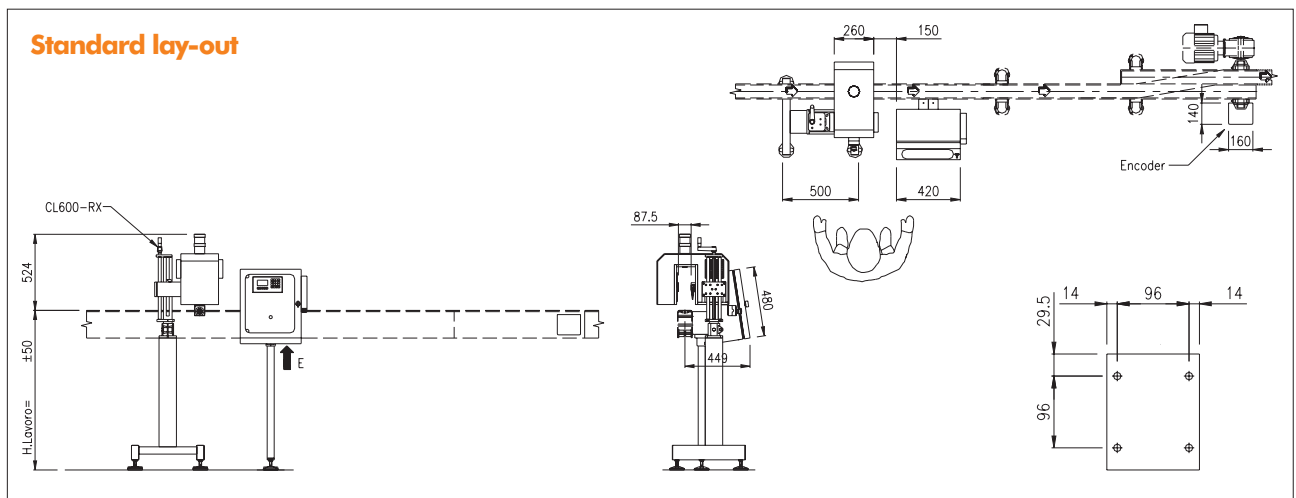
- high-frequency detection system "HF" or X-ray "RX", depending on type of container and product .
- microprocessor unit for input and output management
- 6" graphic display
- simple user interface with membrane keyboard
- input for management of "external cause" reject signal
- settings for 60 different sizes (size changeover from keyboard with counter position display)
- shutdown alarm for filler/capper for consecutive and periodic rejects (relating to same valve or capping head)
- 2 serial ports: one for connection to remote PC and one for direct connection to printer with automatic print management

Technical features

Production capacity	Up to 100.000 bph
Precision	+/- 0,5 mm for "RX", +/- 1,1 mm for "HF"
Reading range	50 mm
Electric power supply	220 Vac – monophase + T
Absorption	0,5 kW
Pneumatic supply	-
Safety	According to CE rules
Weight	100 Kg for "RX", 60 Kg for "HF"

Accessories

- device for checking that cap is present and straight (with sensors)
- device for checking presence of labels on conveyor belt or in labelling machine
- vacuum / pressure check
- device for checking for burst bottles in filling machine
- valves and capping heads sampling
- reject recording for each valve/capping head
- rejection devices
- device for checking that rejection has been performed



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