DIGITAL CONTROL

Inspection Systems
Smart Motion Devices



CLS

Cap & Level Control

CLS

Our system, located downstream the filler and the capper, allows to check the filling level of liquids and the correctness of the cap, recognizing and signaling any errors. If it is combined with a rejection system, such as our *REJ*, it will reject the defective products from the line.
The compact dimensions and the advanced artificial vision system with single camera and a powerful industrial PC make this solution easy to integrate in production lines and allow a simple but highly efficient use.
Furthermore, thanks to the optional modules is possible to a complete inspection adaptable to any customer needs.
In view of technological progress, we have made this system interconnected, providing remote assistance via encrypted sessions and allowing its integration into an *Industry 4.0* environment.

Color inspection Module

With this module is possible to check if the bottles that are passing in the machine have the desired cap color or not.
By doing this control it is easy to detect errors during the bottling, allowing a rapid expulsion of the same from the production line preserving the quality of the final product



Stelvin Cap Module



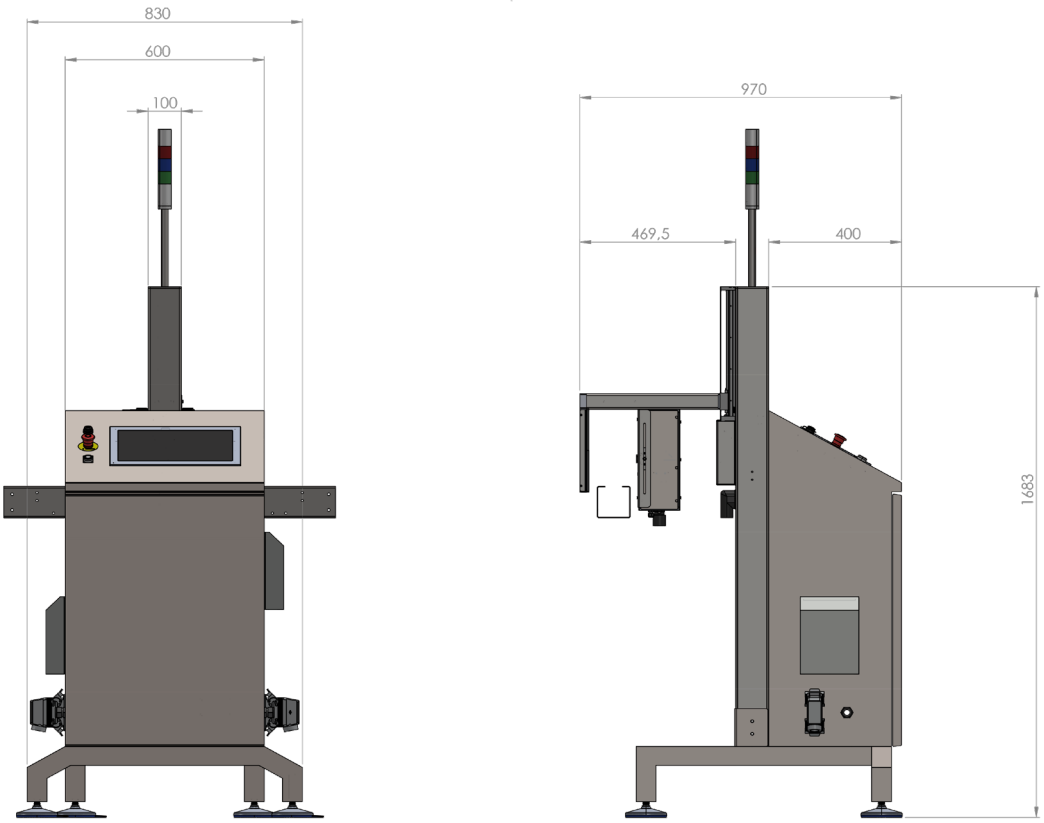
With this module, thanks to advanced artificial vision algorithm, the system will check carefully the presence, the position, the insertion and the integrity of the Stelvin Cap.
This control is completely parametrizable and customizable, ensuring maximum adaptability to the conformation of the final product to be inspected.
When the machine finds a defect will signal it immediately and a rejection system will reject it assuring the best quality of the product.

Crown Cap Module

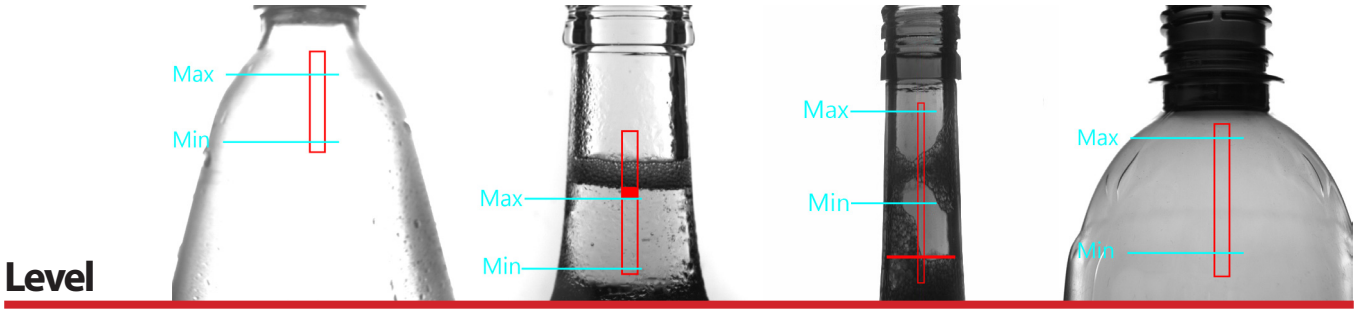
This module using a specific artificial vision algorithms verify the presence, the positioning and the integrity of crown cap.
This control is easily configurable allowing for quick and precise adjustments.
If the system finds some anomalies will recognize it as a discard and send a signal to a rejection system to preserve the high quality of the final product

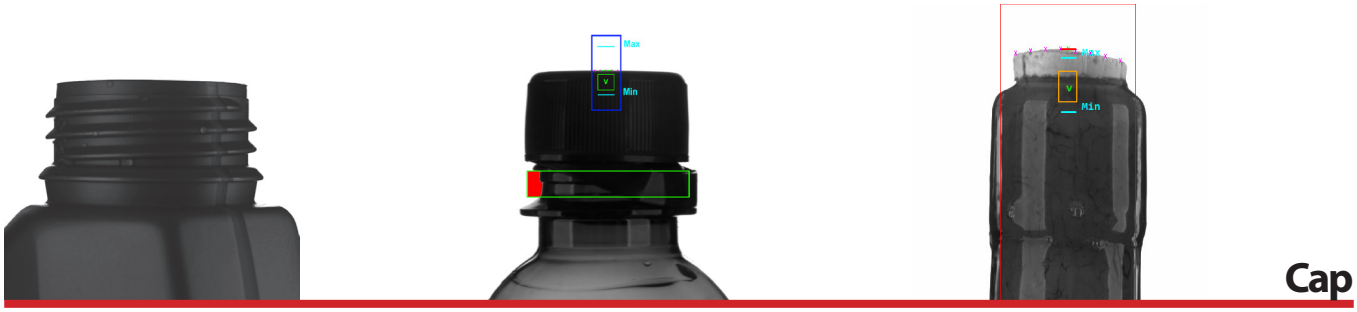


Dimensions (mm)



Identified rejects







Technical Specifications

Power Supply	230 Vac 50-60 Hz + Ground
Current Absorption	300 W
Protection	according to EC
Control Resolution	from 1.3 megapixel
Type of control	Monochromatic
Production Capacity	up to 40.000 pieces/h
Weight	100 Kg
Display	TFT 15" Touch Screen
Interface	Ethernet for local connection and internet, OPC-UA, MQTT and Modbus for Industry 4.0
Working Temperature	0 - 45 C°



Discover More

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Social Network

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