

**ONLINE QUALITY CONTROL SYSTEM/ARTIFICIAL VISION FOR PACKAGING**

Designed for 360° full inspection of caps, it is the perfect solution for quality control in long shelf-life products such as wines, sparkling beverages, oils, water, juices, soft drinks, vials, soaps, and chemicals with variable patterns, incorporating OCR technology. It boasts fast image processing capabilities, able to handle products at speeds of up to 5 units per second.

Our system offers robustness, ease of creating new formats with a user-friendly interface, exceptional image quality, and comprehensive cap control. Additionally, it can verify product level and batch information, with automatic height adjustment and efficient image storage.

Its versatility is demonstrated by the ability to adapt to any production line, thanks to the incorporated rotating arm and a well-designed compact structure, ensuring excellent ergonomics even in mechanically constrained spaces.

We can customize the integrated rejection system and adapt it to all types of materials such as plastic, glass, or metal.



But that's not all: you can customize your experience with additional options such as label inspection and traceability software! We have also addressed the inspection of tethered caps, ensuring compliance with European market regulations. Discover how we elevate quality and efficiency in every cap, taking inspection to the next level.

The integrated rejection system can be tailored and adapted to all types of materials, including plastic, glass, or metal.

**Application sectors**

**Food**



**Cosmetics**



**Pharma**



## Key features:

- EASE OF CREATING NEW FORMATS.
- USER-FRIENDLY INTERFACE. AUTOMATIC HEIGHT ADJUSTMENT.
- STAINLESS STEEL FINISH. ROBUST SYSTEM.
- IMPACT REJECTION SYSTEM.
- ADAPTABLE TO CURRENT AND FUTURE PRODUCTION LINES.
- COMPACT DESIGN WITH ROTATING ARM FOR HIGH ERGONOMIC USE.
- INTUITIVE SOFTWARE.
- ADAPTABLE EVEN IN MECHANICALLY CONSTRAINED SPACES.
- ADDITIONAL TRACEABILITY SOFTWARE.
- WE SOLVE THE INSPECTION OF TETHERED CAPS FOR THE EUROPEAN MARKET.
- HIGH-RESOLUTION CAMERAS.
- ADDITIONAL LABEL AND MARKING INSPECTION.
- ADDITIONAL VERIFICATION OF PRODUCT LEVEL, TYPE, AND BATCH ON THE CAP.
- 360° CONTROL OF THE UPPER AREA OF THE PACKAGE - CAP AND HANDLE.

## Common Detections:



Cap defects



Safety ring



Flagging



Flagging



Anilla de seguridad



Handle



Tethered cap



Filling level



Batch marking



Label presence

