Ideal for detecting the fill level of the containers, in defence of the brand and to prevent legal disputes due the distribution of non-compliant products.

Fill Level inspection

CL600/700-IoT Series [HF | RX | IR | VA]

Different technologies for the fill level inspection. The system allows to detect the fill level and the management of different kind of rejection device.

STANDARD INSPECTION

[depending on configurations]

- ☑ FILL LEVEL DETECTION
  - Reject for underfilled containers
  - Reject for over filled containers
- ☑ STATISTICAL DATA [referred to the production]
  - Fill level average
  - Fill level standard deviation
- ☑ FOAM Management [Optional]
  - Foam presence detection
  - Foam compensation

FEATURES

- ☑ Different tecnology depending to the product
  - High frequency
  - X-ray
  - Infrared technology
  - Artificial vision
- ☑ Simple installation on any filling line
- ☑ Independent structure for eliminating noise and vibration, ensuring maximum accuracy and minimum maintenance
- ☑ Automatic Change Over [Optional]
- ☑ Designed to be integrated with additional inspections
  - Cap presence
  - Wirehood presence
  - Capsule presence
  - Label presence
  - Filler and Capper Monitoring

ADVANTAGES

- ☑ IMPROVE PRODUCTIVITY
  - Reduction of the number of rejects in the event of a filler malfunctioning.
  - Consecutive reject alarms
  - Ready for the filler monitoring system [performance and statistical data of each single valves.]
  - Filler maintenance optimization [when integrated with the monitoring system]
- ☑ IMPROVE QUALITY
  - Eliminate customer complaints related to over filled or underfilled containers
  - Ensure product quality and compliance with the minimum fill content

TYPE OF CONTAINER

- ☑ Non-conductive (glass, PET, HDPE, etc.) bottles or containers

700 Series HMI
[Advanced model]

600 Series HMI
[Basical model]

High Frequency Tech.

X-Ray Tech.

Foam compensation

IfraRed Tech.