



# FTSYSTEM

INSPECTION FOR QUALITY

## FILLING LEVEL

High Frequency Tech.

X-Ray Tech.

Infra-Red Tech.

Artificial Vision Tech.

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.



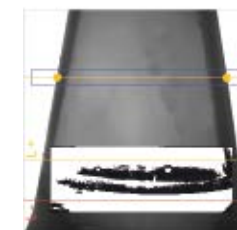
X-Ray Tech.



Foam compensation



Infrared Tech.





# FTSYSTEM

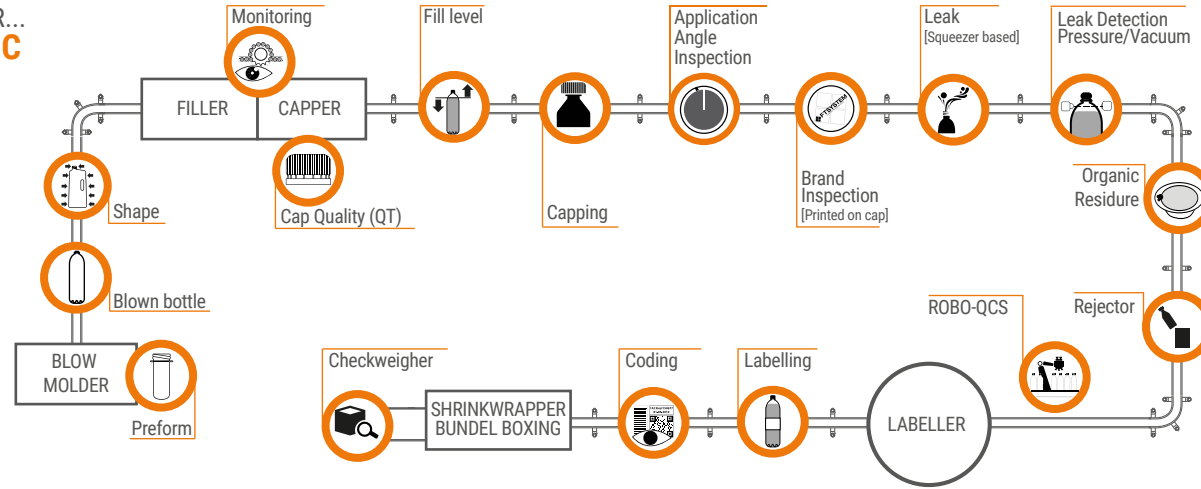
INSPECTION FOR QUALITY

## CHOOSE YOUR SOLUTION

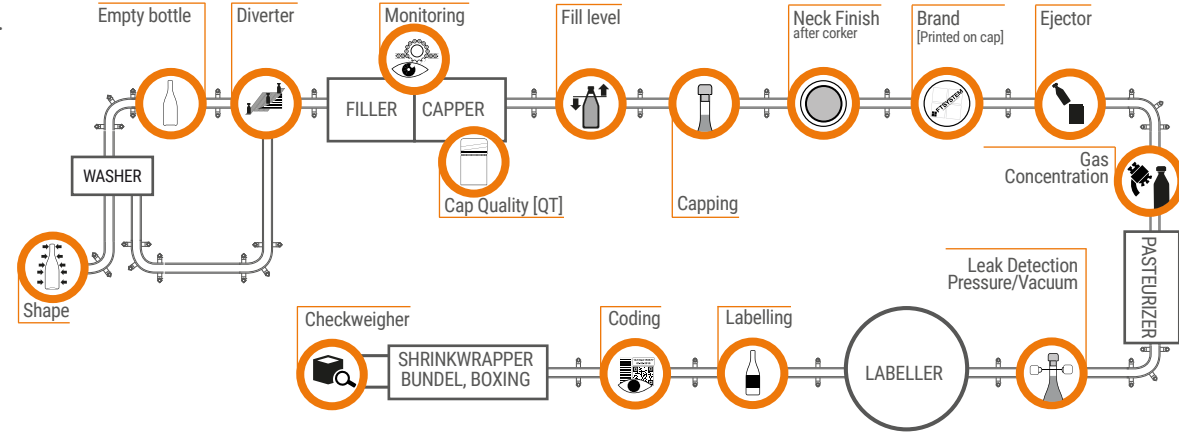
FT SYSTEM HAS A COMPLETE RANGE OF INSPECTION AND TRACKING SYSTEMS

in order to ensure the high quality of your product allowing the optimization of your production reducing costs

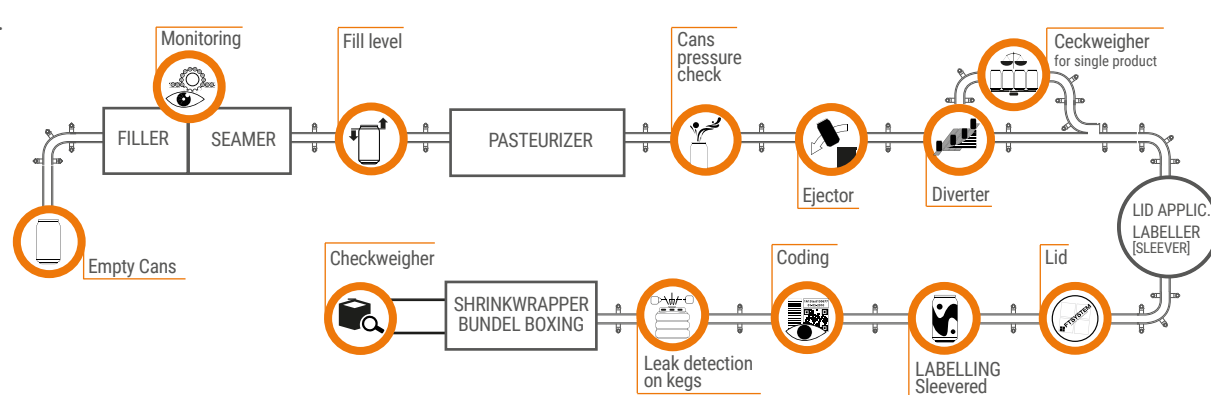
### FOR YOUR... PLASTIC LINE



### FOR YOUR... GLASS LINE



### FOR YOUR... CANS LINE



### FOR YOUR... LABORATORY NON-DESTRUCTIVE ANALYZERS

EVO-C02  
Total pressure  
CO2 Partial  
pressure  
CO2 dissolved

EVO-O2  
O2 concentration  
[NON pressurized  
products]

EVO-TRACE  
Very low  
concentration  
of CO2

EVO-N2  
Total Pressure  
[Nitrogen dosed  
products]

EVO-V  
Vacuum level  
[Hot-filled and  
pasteurized  
products]

EVO-P  
O2 concentration  
CO2 concentration  
[Bags & Trays]



**FT SYSTEM**  
**HEADQUARTER**  
 Via L. Da Vinci, 117  
 29010 Alseno (PC) - ITALY  
 +  
**LPRO**  
**Laser Spectroscopy division**  
 Via Torino 1/L  
 35035 - MESTRINO (PD) - ITALY

**ANTARES VISION**  
**HEADQUARTER**  
 Via del Ferro, 16  
 25039 Travagliato (BS) - ITALY

**19 COMPANY SITES**

- ♥ ITALY
- ♥ FRANCE
- ♥ SPAIN
- ♥ UK
- ♥ IRELAND
- ♥ GERMANY
- ♥ RUSSIA
- ♥ USA, CANADA
- ♥ MEXICO, LATAM
- ♥ BRAZIL, LATAM
- ♥ INDIA
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- ♥ SOUTH KOREA
- ♥ ASIA PACIFIC

30+ LOCAL PARTNERS  
 60+ COUNTRIES SERVED  
 + R&D SITES

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 line efficiency needs.

