



# FULL CASE INSPECTION



# Weight control

CP600-TP / CP700-TP

Ideal to ensure the presence of all the elements and containers inside the final package. It verifies that the final and packed product has the correct weight, avoiding the shipping of packages containing foreign objects through dynamic measurement by mean of industrial load cells.

## MAIN FUNCTIONS

The ideal configuration of the weight inspection system is defined according to the type of line and the type of package to be inspected

## STANDARD INSPECTION

*(depending to the configurations)*

- ✓ TOTAL WEIGHT OF THE FINAL PACKAGE
- ✓ AVERAGE WEIGHT OF THE PRODUCTION
- ✓ STANDARD DEVIATION OF THE WEIGHT OF PRODUCED PACKAGES
- ✓ OVER FILLED OR UNDER FILLED FINAL PACKAGING

## FEATURES

- ✓ Technology of dynamic weighing without slowing down production
- ✓ Wide range of roller conveyors, spacer groups, dedicated ejection devices, etc.
- ✓ Designed to be integrated with additional inspections
  - Open flap detection
  - Barcode reading
  - Label inspection / Code Reading
  - Wet Case detection
- ✓ Available special configuration for single product weight control
  - In line - Single product certified weight
  - Off-line [on sampling] - single product weight, production statistics
  - MID certification

## ADVANTAGES

- ✓ IMPROVE PRODUCTIVITY
  - Reduction of the number of rejects in case of malfunctioning of the packaging group through the control on consecutive rejects
- ✓ IMPROVE QUALITY
  - Eliminate customer complaints related to incomplete packages
  - Eliminate customer complaints related to underweight packages
  - Elimination of risks related to the presence of foreign objects inside the ckages
  - Ensure product quality

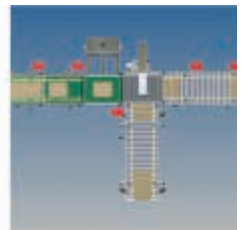
## TYPE OF CONTAINER

- ✓ All types of packages\*  
(full cases, kegs, bag-in-box products, custom packages, etc.)

\* In association with the correct configuration of the system



In-line system



Full Optional Config.



Acquisition of label with codes applied on the boxes



System including open flap detection and barcodes reading



Wet Case Sensor

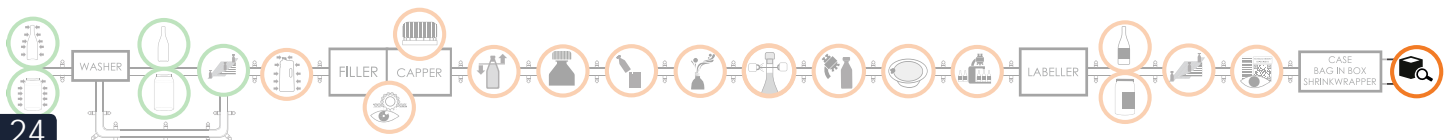


Principle - Detection of liquid leakage



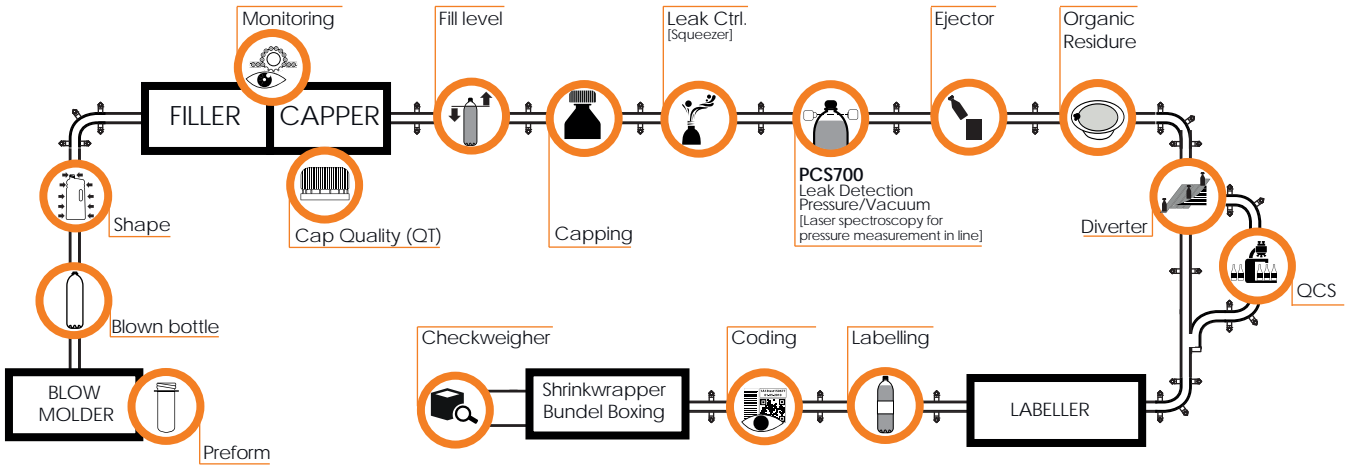
Wet Case Sensor : Working Ex

Feasibility and accuracy of the system indicated in the FT System's official Technological Warranties

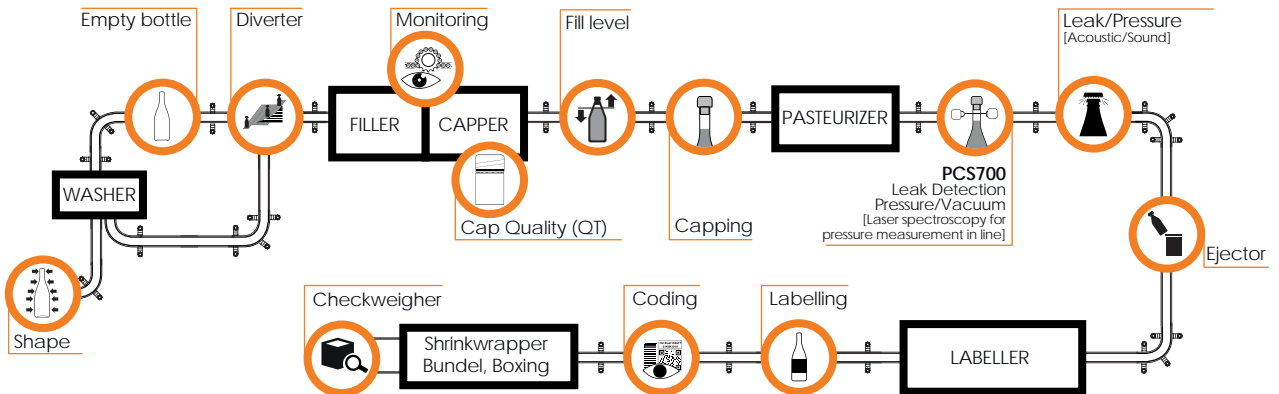


FT SYSTEM HAS A COMPLETE RANGE OF CONTROL AND INSPECTION SYSTEMS in order to ensure the high quality of your product allowing the optimization of your production reducing costs

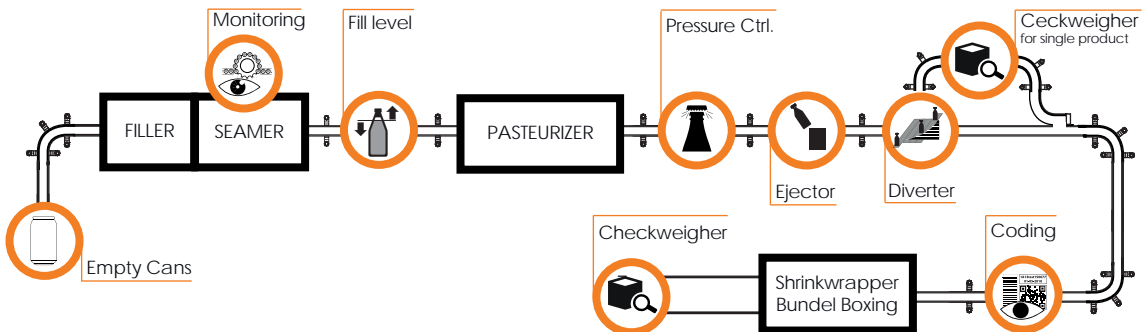
FOR YOUR... PLASTIC LINE



FOR YOUR... GLASS LINE

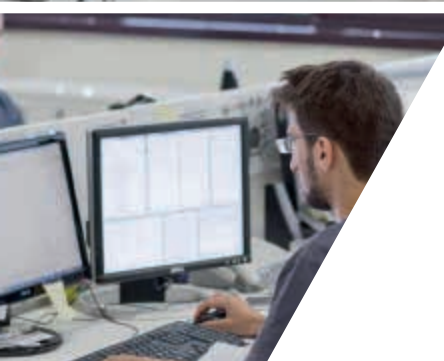


FOR YOUR... CANS LINE



FOR YOUR... LABORATORY





## + FT SYSTEM

Founded in 1998, FT SYSTEM has specialised in the design and production of quality control monitoring systems along the entire bottling and packaging line.

From the inspection of empty containers and caps to the fill levels, from the accurate capping to the leakage detection, from measuring the internal pressure of the container to the weight control, the label checking to laboratory analysis, FT SYSTEM guarantees the quality of your packaging products by optimising production and cost reduction.

## + INTEGRATED AND TOTAL QUALITY SOLUTIONS

The simple and intuitive multiple inspection stations along the entire packaging process can also be integrated into a single control panel for a total overview of the quality and production performance.

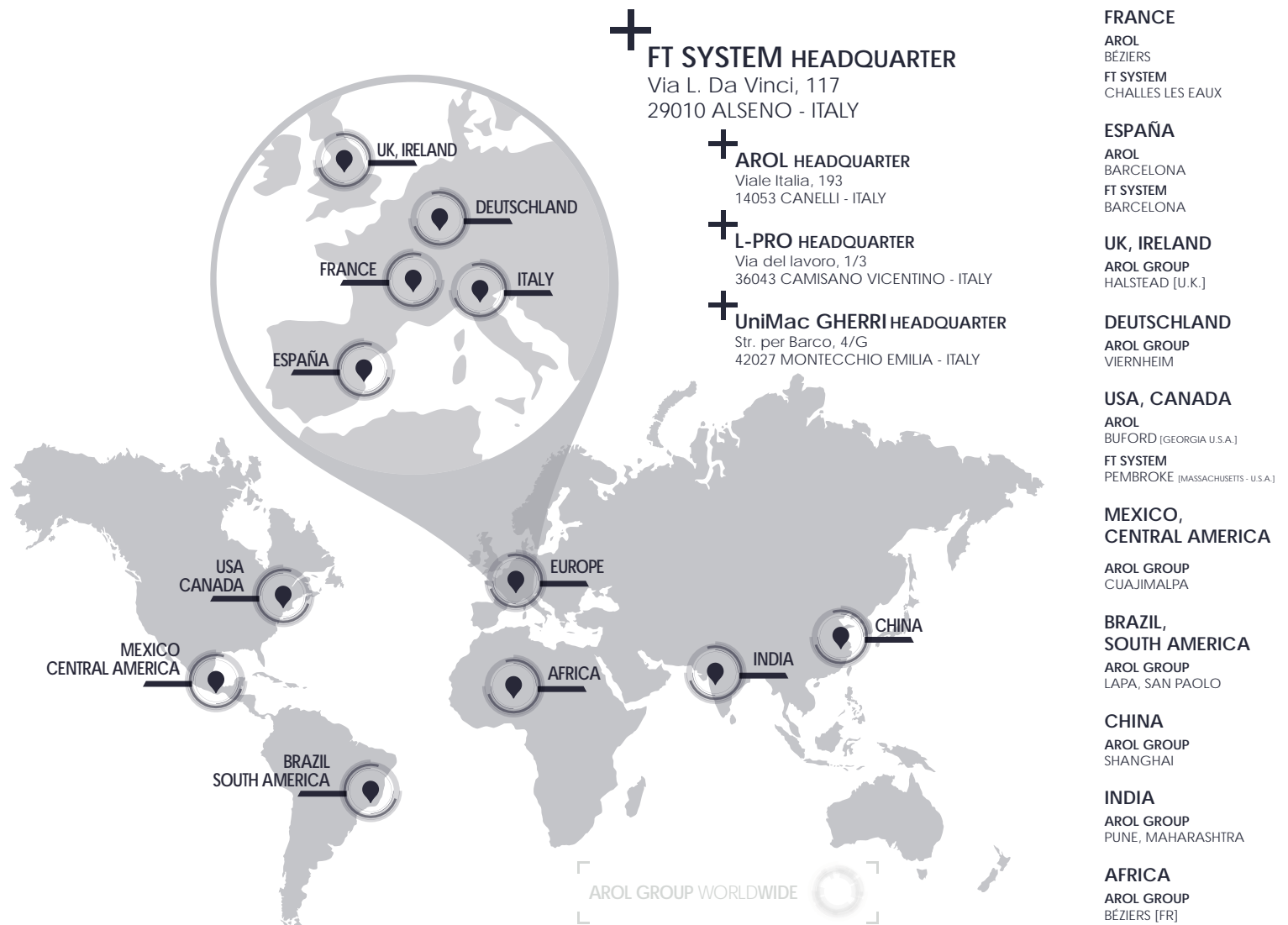
## + CONSTANT RESEARCH

The heart of FT SYSTEM is its R & D team, assisted by a developed network of partnerships with universities and international research centers, dedicated to the most innovative and non-destructive inspection technologies: high frequency, X-ray, infrared, optical, laser, artificial acoustic and visual analysis.

## + GAS SENSING

L PRO-GAS SENSING is a FT SYSTEM patented technology dedicated to laser spectroscopy.

A revolutionary and innovative method, which has enabled the design and the realization of nondestructive instruments of analysis and measurement of gas inside closed containers. The main fields of application of L PRO technology are the bottling of wine, beer, water and soft drinks and even the wider industry and pharmaceutical industry.



**+ FT SYSTEM HEADQUARTER**  
Via L. Da Vinci, 117  
29010 ALSENO - ITALY

**+ AROL HEADQUARTER**  
Viale Italia, 193  
14053 CANELLI - ITALY

**+ L-PRO HEADQUARTER**  
Via del lavoro, 1/3  
36043 CAMISANO VICENTINO - ITALY

**+ UniMac GHERRI HEADQUARTER**  
Str. per Barco, 4/G  
42027 MONTECCHIO EMILIA - ITALY

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BÉZIERS  
FT SYSTEM  
CHALLES LES EAUX

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AROL GROUP  
VIERNHEIM

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BUFORD [GEORGIA U.S.A.]  
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**INDIA**  
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PUNE, MAHARASHTRA

**AFRICA**  
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BÉZIERS [FR]