



EMPTY CANS INSPECTION

Ideal to ensure the quality of empty cans, before the filling process. The system improves final product quality and reduces the number of jams and rejects due to the presence of imperfections.

Empty cans inspection



IO700 Series

MAIN FUNCTIONS

The system is available in different configurations in order to meet the need for detecting dimensional defects and foreign objects inside the cans.

STANDARD INSPECTION

[depending to the configurations]

- ☑ FLANGE inspection
 - Defects and deformations
 - Ovalization
 - Up-side down can
 - Damage
- ☑ BOTTOM AND INTERNAL WALLS inspection
 - Foreign objects
 - Damages
- ☑ RESIDUAL LIQUID detection
 - Washing residual liquid detection

FEATURES

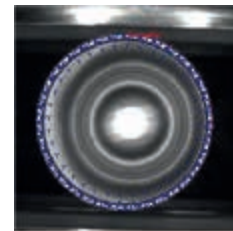
- ☑ Machine vision technology
- ☑ Residual liquid detected with X-ray module

ADVANTAGES

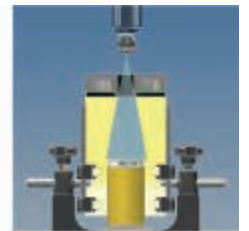
- ☑ IMPROVE PRODUCTIVITY
 - Reduction of the number of filler and stapler damages and jams
 - Reduction of the number of filled product rejects
 - Reduction of the number of "line stop"
- ☑ IMPROVE QUALITY
 - Reduction of customer complaints related to product leak or presence of foreign objects contamination
 - Ensure product quality

TYPE OF CONTAINER

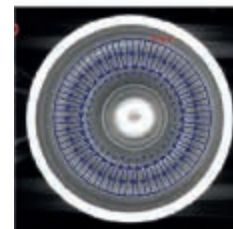
- ☑ Cans or containers with similar shape and opaque



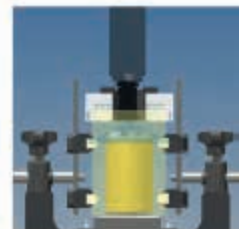
Flange



Flange principle



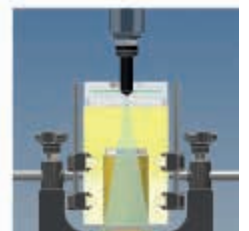
Sidewalls



Sidewalls principle



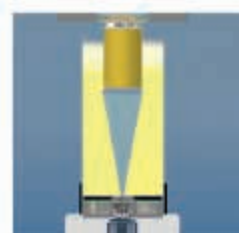
Bottom



Bottom principle



Code on bottle bottom



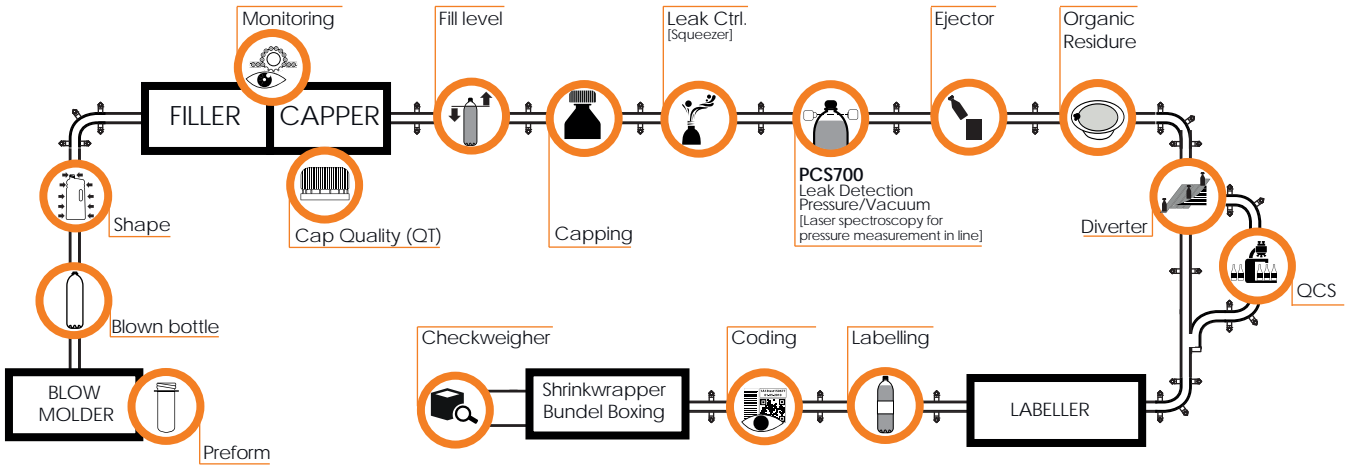
Principle - Code

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

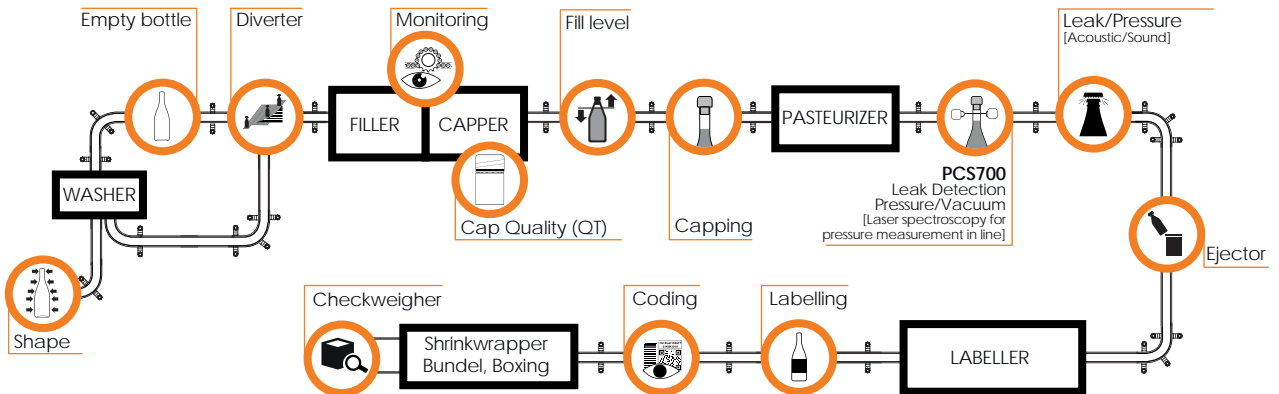


FT SYSTEM HAS A COMPLETE RANGE OF CONTROL AND INSPECTION SYSTEMS in order to ensure the high quality of your product allowing the optimization of your production reducing costs

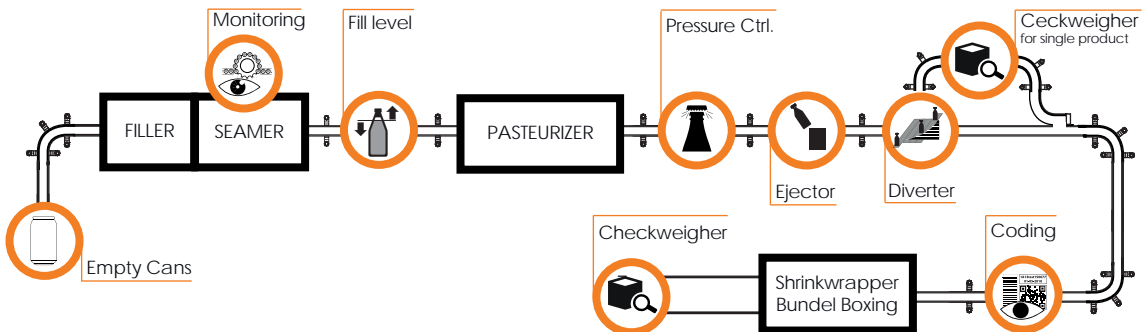
FOR YOUR... PLASTIC LINE



FOR YOUR... GLASS LINE

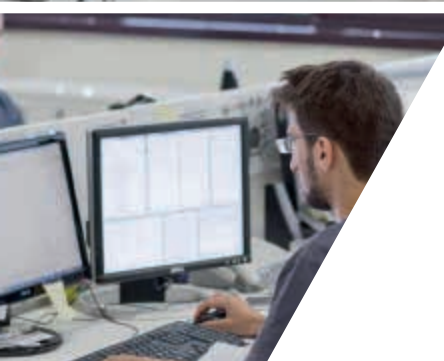


FOR YOUR... CANS LINE



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.

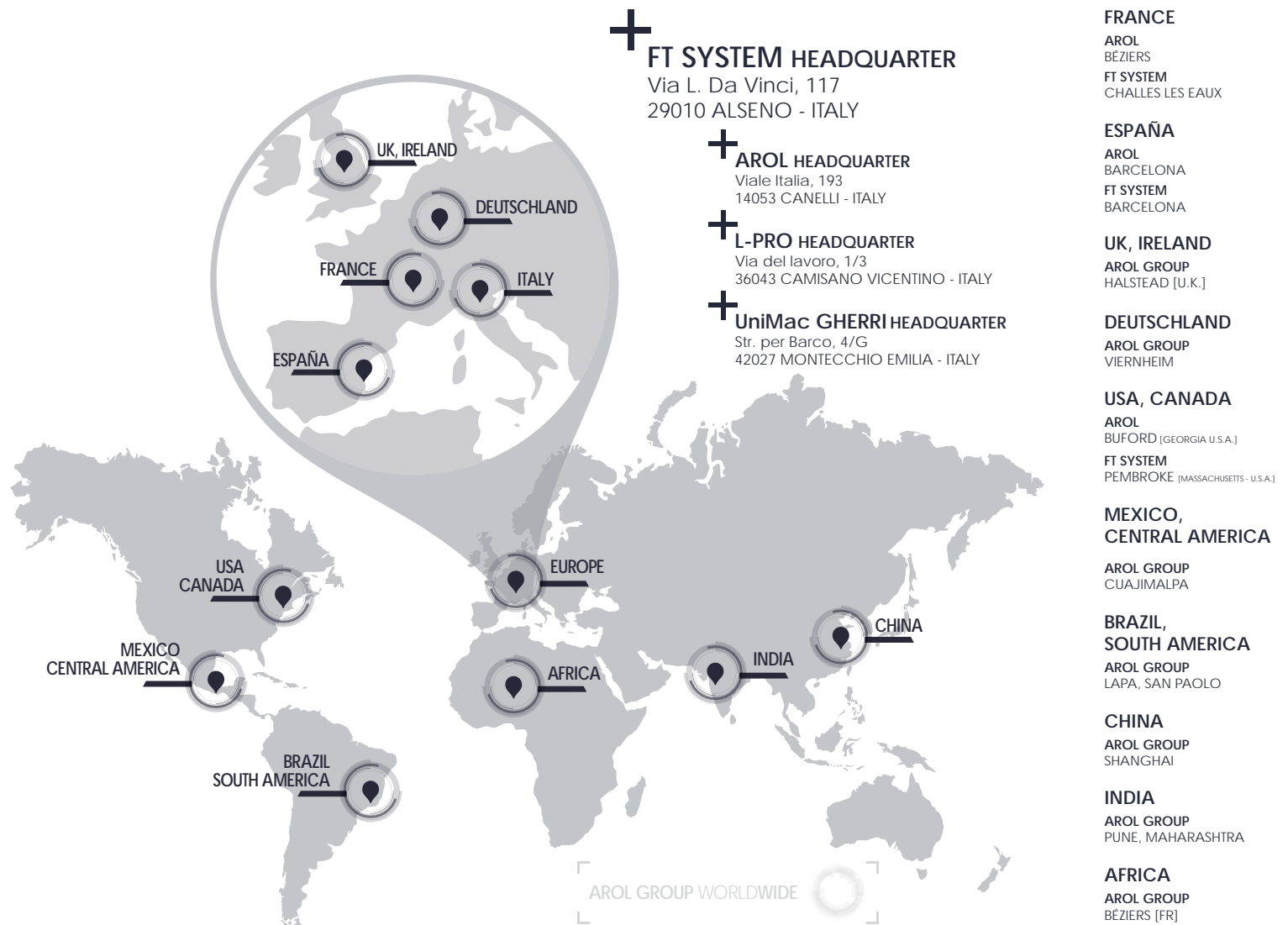
+ CONSTANT RESEARCH

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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DEUTSCHLAND
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VIERNHEIM

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AROL
BUFORD [GEORGIA U.S.A.]
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