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 to the distribution of non-compliant products.

Different technologies for the fill level inspection. The system allows to detect the fill level and the management of different kinds 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 technology 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
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 fill levels, from accurate capping analysis to leakage detection, from measuring internal pressure of the container to weight control, from label control to laboratory analysis, FT SYSTEM guarantees the quality of your products, while optimising the production process and supporting the overall cost reduction.

In 2009 FT System joined Arol S.p.A. giving rise to the Arol Group.

Since 2019, FT System is part of Antares Vision

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.

LASER SPECTROSCOPY DIVISION

L PRO GAS SENSING is the FT SYSTEM division dedicated to the laser spectroscopy technology. A revolutionary and innovative method, which has enabled the development of non-destructive instruments of analysis and measurement of gas inside sealed containers. The main fields of application of LPRO technology are the beverage (with specific solutions dedicated to the bottling of wine, beer, water and soft drinks), along with the food and pharmaceutical industries.

About ANTARES VISION

Antares Vision guarantees the process of protecting products throughout their lifecycle, through the most comprehensive and scalable global solutions in Inspection Systems, Track & Trace and Smart Data Management for the most demanding industrial sectors such as pharmaceuticals, medical devices, food, beverage, cosmetics and fashion. With its products and services, Antares Vision reaches more than 60 countries worldwide with three Italian branches (Brescia, Parma, Latina), eight foreign branches (Germany, France, Ireland, USA, Brazil, India, Russia and Hong Kong), two Innovation Centers located in Italy and Ireland (Galway) and a worldwide network of more than 30 partners. With a 20 year experience in vision technologies, Antares Vision is the supplier of 10 of the world’s top 20 pharmaceutical companies: more than 25,000 inspection systems ensure every day product safety and quality, while over 2,500 serialization lines are installed all over the world to guarantee the tracking of more than 5 billion products across the whole supply chain.

Antares Vision has been listed on the Italian Stock Exchange since April 2019 - the AIM Italia/ Alternative market segment is dedicated to dynamic and competitive SMEs. At the end of September 2019 Antares Vision acquired 100% of FT System, leader of the control and inspection in the beverage sector. Emidio Zorzella and Massimo Bonardi have been awarded with the Best Entrepreneur of The Year Award for innovation by Ernst & Young.
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.