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## PRODOTTI O MACCHINARI

**EVOLUTION 12: Sidewall, Stress inspection & Selector** 

## Revolution in mechanical design

EVOLUTION 12 offers 12 views of the same bottle: 6 angles of shooting, each having 2 high-resolution cameras covering the full body of the container.

A new generation of light sources: universal light sources (same for dark and flint glass) entierly driven by computer.

Fast and high resolution analysis on all kind of containers.

A software "SELECTOR" able to detect out of shape containers.

#### Revolution in fault range

Stuck plungers in the neck area

Blister

Birdswings

Tears (all kinds)

Stones

Inclusions and more

#### Revolution in Improvement and simplicity

High flexible design from 12 to 20 cameras

quick and easy job change

No mechanical and optical adjustment

Mix of stress and transmission inspection

User friendly Human Machine Interface kitted up with a Touchscreen

#### **Revolution in technical support**

FREE Software updating of inspection machines from a remote technical center.

FREE online technical assistance

REAL TIME transmission of alarms to a monitoring PC

Remote adjustment





#### **EVOLUTION 5: Base, Finish, Stress inspection & Mould reader**

#### Revolution in mechanical and optical design

A new generation of light sources: universal light sources (same for dark and flint glass) entierly driven by computer.

Fast and high resolution analysis on all kind of containers.

Motorized camera with automatic repositionning

Design allows an easy access to all inspection station

### Revolution in machine function range

Dynamic inspection zones

**Engraving identification** 

High speed processing

Repeatable adjustments

### Revolution in inspection range

#### **Bottom inspection:**

**Blisters** 

Birdswings

Tears

Stones

Stuck plungers

Loading marks

#### **Finish Inspection**

Line over finish

**Blisters** 

Wire edge

Scaly overpressed

Unfilled finish

Sugary top





#### **Stress Inspection**

Stones

**Inclusions** 

faults with tension

#### Mould number reader

Dot codes

Alphanumeric codes

Agr codes

## **Revolution in technical support**

FREE Software updating of inspection machines from a remote technical center.

FREE online technical assistance

REAL TIME transmission of alarms to a monitoring PC

Remote adjustment

Compatible via serial link or ethernet with all major information system ( IAFIS, SIL, Housemaid System...)

## **EVOLUTION 1: Stand alone finish inspector**

#### Revolution in mechanical design

A new generation of light sources: universal light sources (same for dark and flint glass) entierly driven by computer.

Fast and high resolution analysis on all kind of containers.

## **Revolution in detection**

Dedicated to inspect the finish of a big range of different bottles: beer bottles (Heineken, Carlsberg...), soda bottles (Coca Cola, Orangina...)

Full repeatability of adjustments between two machines

Quick and easy change

No mechanical and no optical adjustment

User friendly Human Machine Interface kitted up with a Touchscreen

#### Defect recognition:

Line over finish

**Blisters** 

Unfilled finish





Scaly finish

Sugary top or dirty finish

## **STORIA**

Created in 2002, IRIS Inspection machines, a subsidiary of WISETEC Group, is the specialist in tunkey hollow glass inspection solutions. Recently relocated in Bron, next to LYON, Iris used its 2000m<sup>2</sup> factory comlex to assemble, test and improve inspection machines able to detect all kinds of defects of bottles of every size, shape and color, from the pharmaceutical containers to wine, beer and champagne bottles.

Iris Was the first to developp and sell a 12 cameras inspection machine in 2002. Ably called "EVOLUTION", this first concept is same as the last performing machine of theses days. Iris offers a strategy in the long term, with a constant software improvement.

Subsequently, almost 1000 Evolution machines have been set up in many factories around the word, in Europe, Asia, North and Sud America, Africa and the Middle East.

#### Company Profile of IRIS Inspection Machines

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