IRIS INSPECTION MACHINES

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This page on the Internet:
www.glassonline.com/hollow_iris.pdf

AREAS OF ACTIVITY

With a workforce of 40 engineers in Research and Development, IRIS is recognized as a leading and innovative supplier of glass container camera inspection. IRIS has recently widened its range of products with the new machines Evolution Dim and Evolution Ultimate. Evolution Dim is designed for sidewall and finish profile measurement. This in-line machine measures diameter and roundness, verticality, article height, finish and external profile and its diameter with high precision. Evolution Ultimate inspects high quality perfume articles, tableware or cosmetic wares to detect low contrasted aspect defects. Using the new generation of machines, IRIS is aiming to increase the productivity of inspection machine users.

Inventor of the 16 cameras concept

The success of IRIS’ EVOLUTION 16 is based on both the advantage of a multi-camera system providing 360° inspection of bottles and jars of any shape and colour, as well as on the simplicity of operations of a fully automatic camera machine with a user friendly Man-Machine interface.

Easy upgrade

The name EVOLUTION chosen for the range of equipment illustrates the possibility given to the end user of the machine to easily upgrade it with the latest algorithms developed by IRIS engineers.

Glassmakers using IRIS machines can rely on the latest software version for their EVOLUTION machines at any time. All the new improvements for Evolution machines are retrofittable: software and hardware upgrades can be implemented on all existing machines.

A full range of inspection machines

EVOLUTION 1 is a stand-alone finish inspector enabling to detect faults such as LOF (Line Over Finish), blisters, stones, scaly finish, unfilled finish, overpressed and wire edge. Finish inspection is available as a stand-alone machine, but also as an option of EVOLUTION 5, a machine designed for base, as well as base stress inspection and mould number reading. EVOLUTION 12 includes 12 cameras for sidewall inspection and can be extended to EVOLUTION 16 by adding 4 additional cameras for stress detection. EVOLUTION machines have already proven their enhanced capabilities on product as various as penicillin and pharmaceutical containers, Nutella jars, wine, beer, champagne and spirit bottles. Now with Evolution Dim and Evolution Ultimate IRIS proves its capabilities by inspecting cosmetics, perfume and high quality tableware too.

An international SERVICE TEAM

A reactive service team multilingual engineers (French, English, German, Spanish, Russian, Italian, Chinese, Portuguese, Thai,…) ensures not only installation and training but also servicing of the EVOLUTION equipment during the entire life cycle of the machines.

CONTACTS

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Area Sales Manager
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PARENT COMPANY

Wisetec Group

ANNUAL TURNOVER OF THE GROUP

EUR 37 million

INTERNATIONAL TECHNICAL CENTERS

Bangkok (Thailand)
Beijing (China), Chicago (USA)
Sao Paulo (Brazil)
Monterrey (Mexico)

QUALITY CERTIFICATION

ISO 9001/V2000

REGISTERED PATENTS

6

REGISTERED TRADEMARKS

EVOLUTION 16, EVOLUTION 12, EVOLUTION 5, EVOLUTION 1, SELECTOR, EVOLUTION DIM, EVOLUTION ULTIMATE

Glasstec 2016
Düsseldorf, Germany
20/23 September 2016

Cuba Glass 2016
Havana, Cuba
6/7 December 2016

Glassman South America 2017
Buenos Aires, Argentina
29/30 March 2017

Glasspex India 2017
Mumbai, India
02/04 April 2017

China Glass 2017
Beijing, China - 24/27 May 2017

Mir Stekla 2017
Moscow, Russia - June 2017

Glassman Europe 2017
Lyon, France
6/7 September 2017

RANGE OF PRODUCTS

- SIDEWALL
- SIDEWALL STRESS
- BASE
- BASE STRESS
- FINISH
- MOULD READERS
- MULTI-ARTICLES