

Company Data

CONTACTS

JEAN-LUC LOGEL - PRESIDENT
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SONIA DEBETS,
ARMANDO BRUSAMOLINO,
HUNG HAN, THOMAS PETITJEAN
AREA SALES MANAGERS
FRANCESCO MARTINELLI
CUSTOMER SERVICE MANAGER

PARENT COMPANY

Wisetec Group

ANNUAL GROUP TURNOVER

EUR 40 million

INTERNATIONAL TECHNICAL CENTERS

Bangkok (Thailand), Beijing (China),
 Chicago (USA), Monterrey (Mexico),
 Rotherham (UK)

QUALITY CERTIFICATION

ISO 9001/V2000

REGISTERED TRADEMARKS

EVOLUTION inspection machines,
 EVOLUTION NEO AI – intelligent inspection
 machines – iBot - AI-based assistant

PLANNED EXHIBITIONS 2026

Glasstec

Düsseldorf, Germany - 20/23 October

Product Range

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

In excess of six man-years of work by R&D engineers at **IRIS Inspection machines** led to the introduction of the Evolution NEO AI machine, delivering an innovative defect approach that relates to defect identification, as well as the creation of statistics by defect type. Local trend analyses are produced on the machine, with information presented in a user-friendly format. Importantly, reduced dependence on human intervention was a key goal for this strategic initiative, which brings the smart factory much closer to reality.

Advanced inspection intelligence

Evolution NEO AI is engineered to meet the distinct needs of the glass container inspection market, helping customers to improve performance and save valuable time during the manufacturing process. In particular, the introduction of advanced inspection intelligence is high on the list of benefits that have been widely valued by glass plant personnel in the first few months of machine operation.

NEO Intelligence is a machine learning-based software, incorporating the latest, well-proven technologies applied to inspection. Performance is enhanced via the power of artificial intelligence and already 'smart' features have been made even more accurate via the inclusion of an Image Processing Accelerator (IPA). As a result, Evolution NEO AI machines can now recognise and more accurately detect critical defects, without having to set advanced settings manually.

Reduced dependence on human skills

The introduction of greater automation has reduced the inspection equipment's dependence on human skills, another factor that has already been widely appreciated by customers. This AI-powered machine is able to recognise a defect, leaving the operator to decide whether it is acceptable or not. Furthermore, the specially conceived interface design is responsible for the delivery of a better user experience.

Traditionally, every time a production change is initiated, it has been necessary

for the operator to adjust all parameters for the new article, set the inspection zones etc. With Evolution NEO AI, a library of settings is available for faster, precise and repeatable adjustments. The Evolution NEO AI machine recognises the article, its exact shape and automatically draws the inspection zone. Consequently, each job change is simplified for the operator. This reduces the possibility of human errors significantly.

IRIS complete range is named Evolution because the modular structure and Artificial Intelligence enabled features evolve through time and never become obsolete.

All existing IRIS machines can be upgraded with software and hardware innovations developed by in-house experts.

IRIS customers benefit from cutting-edge inspection technology during the whole lifetime of their Evolution machines.

EVOLUTION NEO AI range

EVOLUTION 12 NEO AI: Sidewall & Geometry Inspection

EVOLUTION 5 NEO AI: Finish, base, base stress & mould number reader

EVOLUTION ULTIMATE NEO AI: Dedicated for cosmetics and perfumes

EVOLUTION DIM NEO AI: Online geometry measuring

OCULUS NEO: Check inspection by camera



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