

QUALITY CONTROL

ECOVISION

ECO-LIN

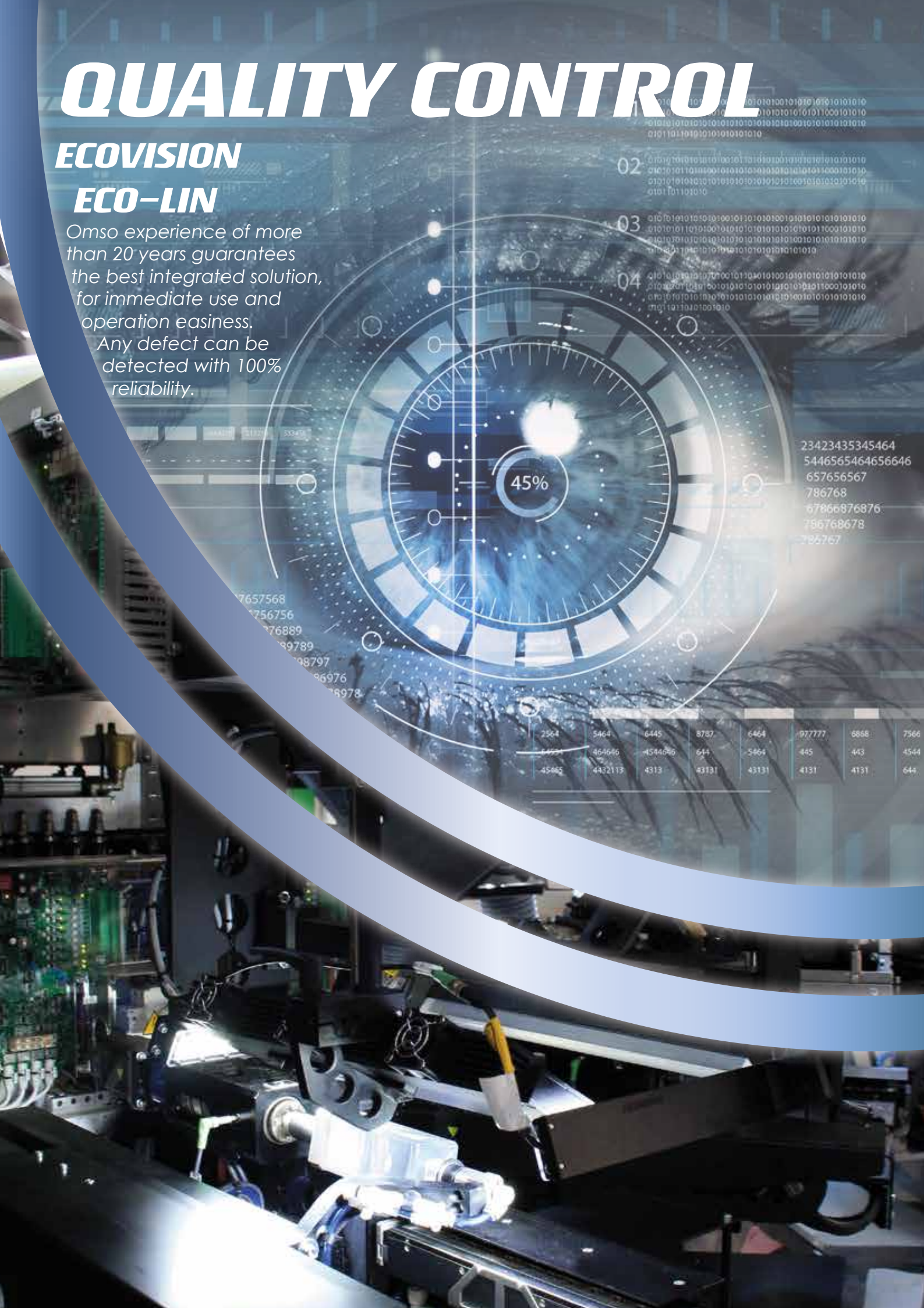
Omso experience of more than 20 years guarantees the best integrated solution, for immediate use and operation easiness.

Any defect can be detected with 100% reliability.



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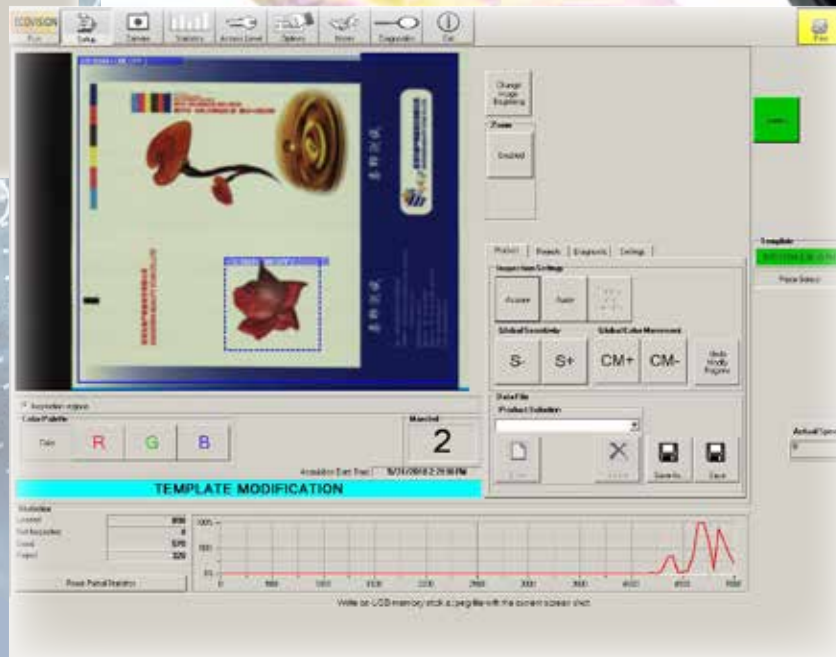
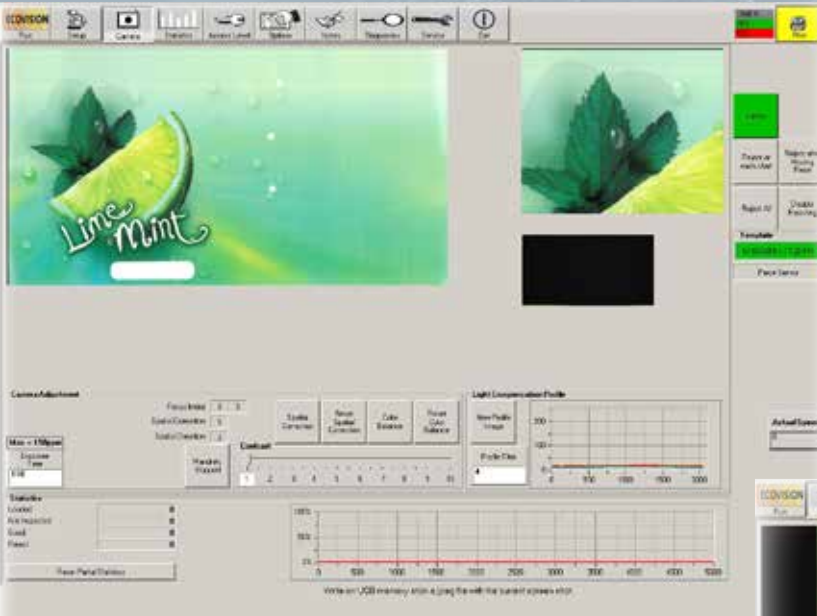
ECOVISION

Inspection module ECOVISION, for decorated bottles having cylindrical, elliptical and flat shapes.

It has been specially designed to monitor the quality of direct prints and labels on opaque, translucent and transparent plastic containers. The inspections are carried out by use of sophisticated artificial viewing techniques ensuring a production free from critical defects. The system enables more economical and steady results than human inspection.

The maximum production speed is 100 pcs/min.

Ecovision can be installed in-line connected to Imprex or Novax "M", or installed off-line



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ECOLIN

Module ECOLIN, for the inspection of the decoration on cylindrical shaped plastic, metal and glass objects (such as bottles, tubes, jars) Ecolin can be installed on ServoTube (12, 16, 24 mandrels), UltraTube, ServoCup, ServoBottle (8, 12 mandrels) , ServoJet.

The inspection is done through the sophisticated techniques of artificial vision (linear colorcamera) that assures productions without faults and consequently grants more economical and steady results than human inspection.

The dimensions of the defect can be compared to what can be seen by the human eye at a distance of 40cm, for objects framed at a distance of 200mm, while the dimensions of the object to be inspected can go up to a diameter of 300 mm and height 300mm, without limits of format but reducing the quality. Inspection speed is approx. 150 pcs/min at max. resolution (hold-time equal to transport movement time) and up to 600 pcs/min at low resolution.