

Equipment & Service

Vision Inspection System for Plasti-Twist®

Silgan White Cap offers a Vision Inspection System, VIS, which ensures a reliable control of plastic closures applied to plastic bottles.

This system recognises defects on the tamper band, tilted closures (cocked caps) as well as closures that are applied too tightly or not tightly enough. An optional filling level control is possible.

A detailed picture of each ejected bottle can be stored on the screen. The picture shows the tolerance settings and the actual measuring results, enabling the operator to very easily analyse the fail rate and the type of defect.

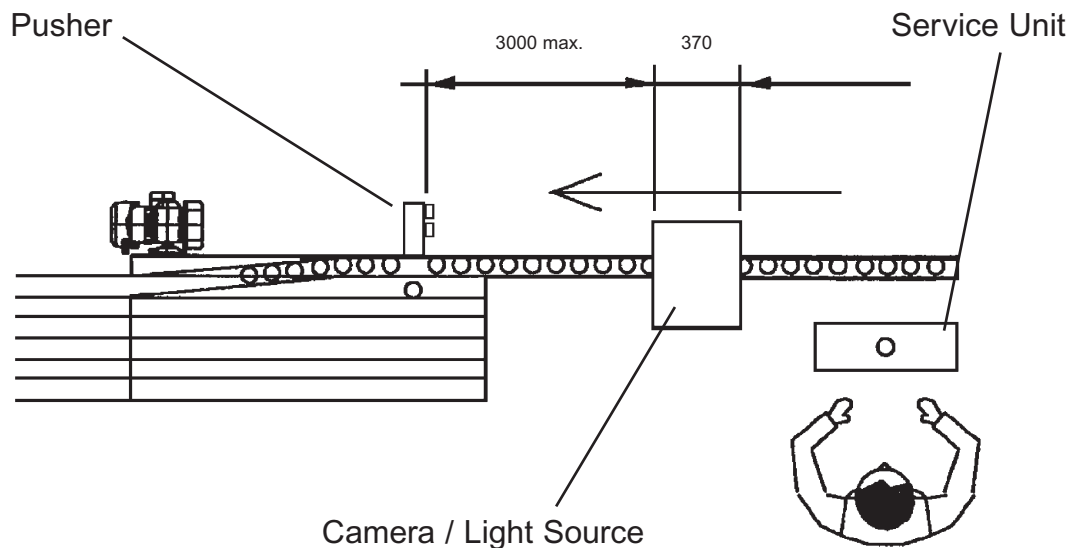
For flexible and easy installation, even on existing production lines, the system is split into three parts:

1. The inspection unit, including camera unit and high performance LED-lighting. This part is fixed on the conveyor with a minimum space requirement of max. 400mm.
2. The switch cabinet, including the electrical components software based on Windows 2000 and a touch screen.
3. The ejector and ejector table to push out containers with misapplied closures.



Technical Information

Vision Inspection System for Plasti-Twist®



Features

- examines up to 60,000 filled containers per hour
- change over times reduced to a minimum due to easy adjustment
- separate tolerance setting for different defects as well as self-explanatory colour-code identifies all defects at first sight
- optional for containers up to Ø 60mm or > Ø 60mm

Vision Inspection System for Plasti-Twist®:

- inspection unit
- switch cabinet
- ejector and ejector table

Inspection unit, including camera unit and high performance LED-lighting (detail)

