

VISline

VIALS – DIMENSIONAL and COSMETIC INSPECTION



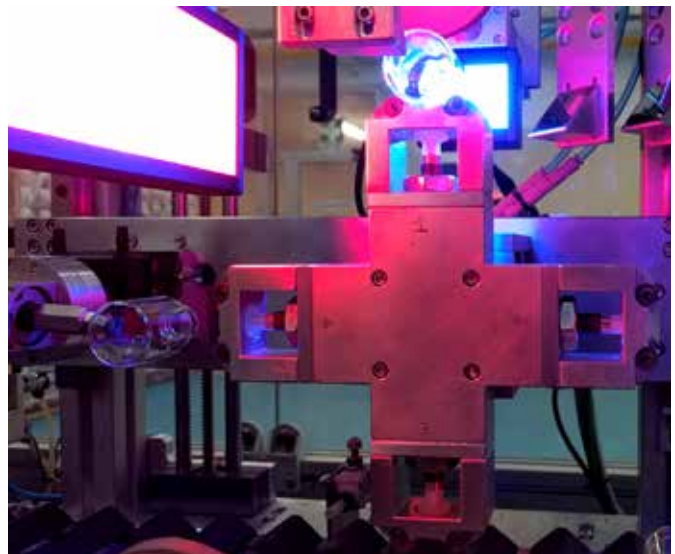
After the annealing oven, the **cosmetic inspection** is typically performed as the latest step before packaging. Here, systems have **different viewing angles and multiple cameras**, to ensure a whole inspection and guarantee the container's quality.

In both cases, the object is usually taken from the line with a **push-up or rotating mechanism** to present the product in front of the cameras with the best repeatability.

Visual inspection is nowadays mandatory equipment in a state-of-the-art **tube converting production line**.

The **VISline family of camera-based systems** has been expanded to cover all the requirements **from dimensional to cosmetic inspection**.

Dimensional inspection is usually performed **on the forming machine** when container is still mounted in a chuck. After this, there is the inspection before annealing oven, **on the after-forming line**, to measure inner-diameter and length. Both are available as a **single station**.



ADVANTAGES

- **Measurement of outer dimensions, inner diameter, and length**
- **100% in-line cosmetic inspection**
- **Contactless, machine vision based**
- **Easy set-up and configuration**
- **Rejection of bad products**
- **Special handling**
- **Statistical analysis of production**