EVT Bottle Cork Inspector
Based on EyeVision Machine Vision Software

For the inspection of bottle corks

With the Cork Inspector we have a new member in our emSens Beverage Inspection series. It can inspect corks from e.g. wine bottles, if they are in the correct position, or stick out too much (convex) or are seated too deep in the bottle neck (concave).

Pre-configuration or Machine Learning

The Cork Inspector has already pre-configured bottle types and can also be adjusted to new types. All bottle types are directly available on the master computer system.

It is also possible that with the additionally available ML Machine Learning module, to automatically adapt the plant to new, already known bottle types.

automatically and time saving

Features

pre-configured bottle types
Machine Learning Module

Schnittstellen:
GigE, USB, RS232, RS485

Easy integration into
- Trackersystem
- SCADA
- SPS

Communication protocol for
- Profinet
- OPC UA
- Modbus
- UDP & TCP/IP

Stand-alone System oder
Headless System

Bottle Cork Inspector in the Process Mode with statistic
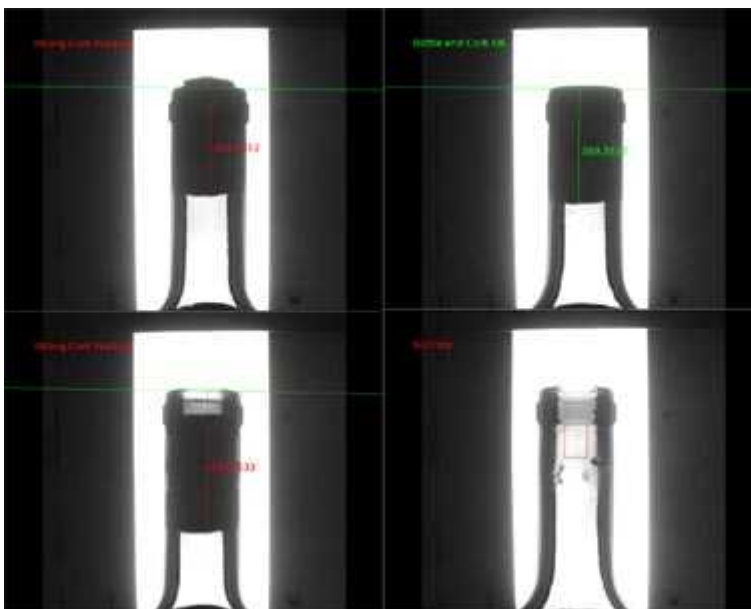
Tracker-Protocol

Via the hardware interface the system can communicate with a tracker-system as well as SCADA or PLC.

Different tracker boards and systems can be integrated into the inspection process with the tracker-protocol.

Stand-alone or headless System

The stand-alone-system is available with user interface and can be set up locally
The headless system is programmed remotely from the master computer to upgrade already existing machines.

different evaluation results (clockwise from above left): convex cork, correct positioned cork, concave cork, no cork

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We are happy to help!