



PSIS

EXPRESS ON-LINE PET PREFORM COLOR INSPECTION SYSTEM

PSIS inspection system delivers an automated PET preform color stability check **directly on the production line**.

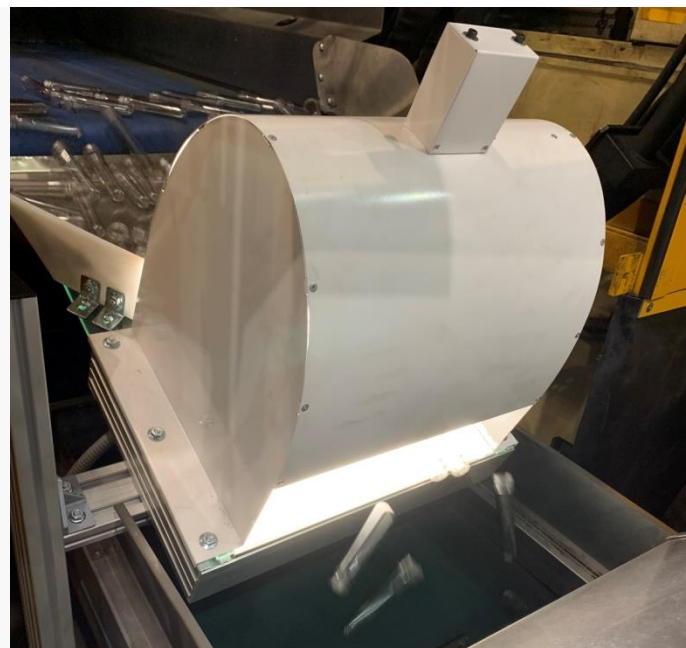
PSIS equipment is placed over the production line so that recently made preforms from the moulding machine would slide through PSIS equipment onto production line which then transfers preforms to holding containers

The use of various types of LED light shines through preforms allows PSIS system to see even smallest color changes inaccessible to human eye and monitor the color stability of clear, colored and dark PET preform.

A reliable German-quality Basler high-speed camera continuously captures images of objects passing through PSIS equipment, so PSIS can catch the foreign PET(s) in single shot/bunch or foreign objects accidentally hit on the production line.

Such position doesn't create additional bottleneck and doesn't slow down your production process at all. Detection of defective preforms in early stage of production scalings down the amount of works with obviously improper products.

PSIS equipment could be installed on various types of production lines (like Husky and SIPA).



more about
PSIS

PROCESS ANALYTICAL INSTRUMENTATION
FOR ON-LINE/IN-LINE/ AT-LINE ANALYSIS
AND MONITORING OF INDUSTRIAL PROCESSES

SET THE LEVEL OF QUALITY THAT NEEDS

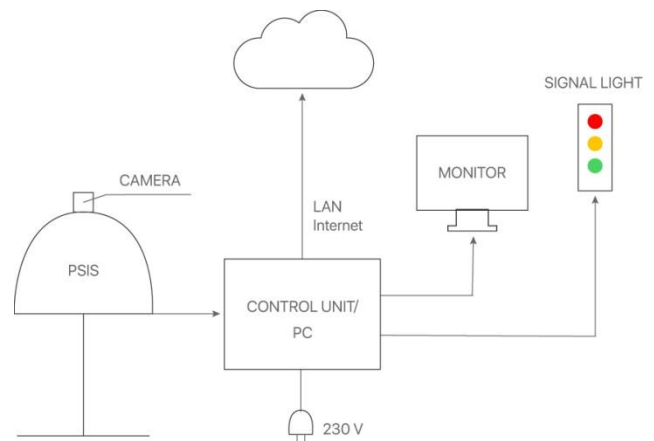


The user defines upper and lower limits of color intensity by exceeding of it the system triggers alarm.

Alarm could be accompanied with signal light and sound signal.

System software based on web interface allows you to control the process and quality of production not only from being directly at the system monitor, but also remotely. Software has different set of settings (profiles) for different type of PET that can be apply for particular set of PETs depending on type of pigment.

Our customers from Lithuania mention significant reduce the quantity of claims from their clients after PSIS system installation.



FEATURES

Express inspection directly on the production line.

Robust, entirely industrial solution.

Easy integration into production line.

Integrated operation with control room.

Intuitive interface.

Continuous work 24/7/365

Complete inspection of preforms with various shape, size, color, translucent and transparent.

N.B. For product availability in your country please contact: info@sprana.eu

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