



BMI
Preform
Inspection System

PET Preform Inspection System - BMI

An innovative solution for quality assurance and consistency in PET bottle preform production.

Automate your inspection process to reduce manual labor, lower maintenance costs, and minimize waste. This advanced system offers valuable data and analytics, ensuring compliance with regulatory requirements while enabling faster time-to-market for your products.

Enhance product quality, boost efficiency, and make informed business decisions with the BMI Preform Inspection System.



Benefits

Improved product quality

Detect defects in PET bottle preforms, help to improve the quality of your final product and reduce the likelihood of product failure.

Increased efficiency

Automate the inspection process, reduce the need for manual inspection and increasing production efficiency.

Cost savings

Reducing the need for manual inspection and ensure consistent product quality. Detect problems early and reduce product waste.



Benefits

Data and analytics

Provide valuable data and insights into the inspection process, optimize your production processes, improve quality, and make informed business decisions like preventive maintenance.

Compliance and regulatory requirements

Meet regulatory requirements and provide a record of inspections to demonstrate compliance.

Faster time-to-market

Automate your inspection process, improve quality and reduce the likelihood of product failure, this brings your products to market more quickly.



Application

Designed for inspecting PET bottle preforms and the molded bottle.



Detection

Preform

- Ovality (Finish)
- Dents (Finish)
- Breakouts



Bottles

- Ovality (Finish)
- Dents (Finish)
- Center (Position)



Process

- The passing through Preforms or molded bottles run through the inspection.
- The dedicated low wear LED illumination module with its advanced design guaranty a consistent illumination.
- The high performance camera takes a top down image of the preform or bottle.
- And the dedicated software image processing software detects any ovality or dents.



Features



Up to **81,000** objects per hour
Integrated tracking
Operation & visualisation via
• 15" display
Easy teach-in
Advanced statistics
Connectivity with other BBULL systems
Remote maintenance
Robust & Compact design

Expansions

Fill Level Inspection

- **ALPHA-X**

Leakage Inspection

- **ALPHA-PULSE**

Recommended Rejection System

- **CRATE PUSHER** – Pneumatic rejection system
- **FLEX SORTER** – Pneumatic rejection system





STRATEC CONTROL - SYSTEMS GmbH

Ankerstraße 73

75203 Königsbach-Stein

Telefon (+49) 72 32- 40 06- 0

Telefax (+49) 72 32- 40 06- 25

E-Mail: info@bbull.com

www.bbull.com

Take the Next Step!

Request Further Information Today

Contact us to learn more about our system and how it can help your business succeed. Our team of experts is ready to answer any questions and provide you with a personalized solution.

Don't wait, make a call or send an email today and learn about the difference our system can make!

