

IMAGE APA

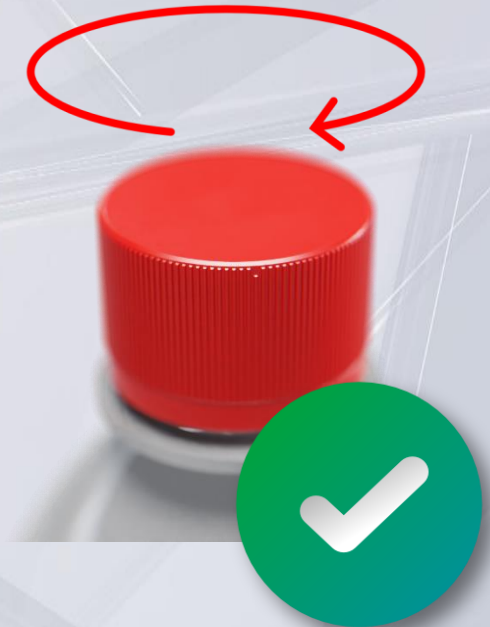
Application Angle
Detection System

Application Angle Detection System – IMAGE APA

Prevent leakage, over-torqued caps, and costly product recalls while ensuring consistent cap application throughout production.

Automate inspections for cost-efficient quality control, increased production efficiency, and reduced risk of product recalls.

Protect your brand reputation and boost customer satisfaction with properly sealed and defect-free bottles. Seamlessly integrate with other BBULL inspection systems for a comprehensive and efficient quality control process.



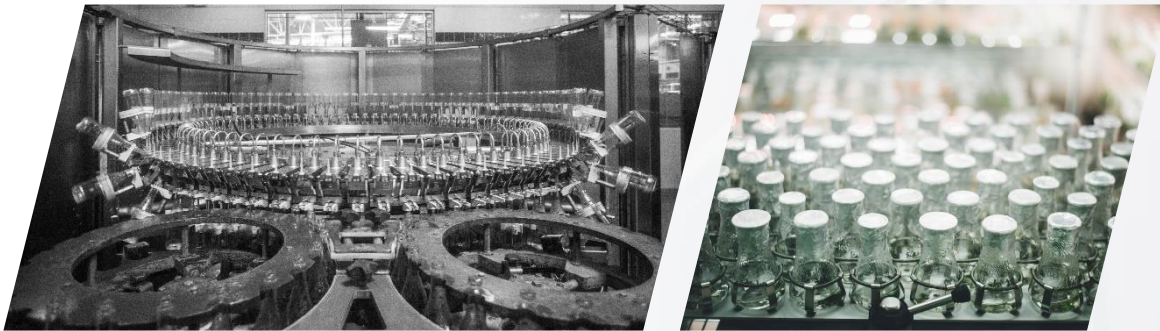
Benefits

Enhanced product quality:

Ensure that all bottles are properly sealed and free from defects, which can significantly improve product quality and consistency.

Increased production efficiency:

Automate the inspection process, improve production efficiency significantly, reduce waste, and save time and money.



Benefits

Reduced risk of product recalls:

Prevent over-torqued caps, avoid product leakage and contamination, reduce the risk of costly product recalls.

Improved brand reputation:

Protect a company's brand reputation, increase customer loyalty and satisfaction.



Application

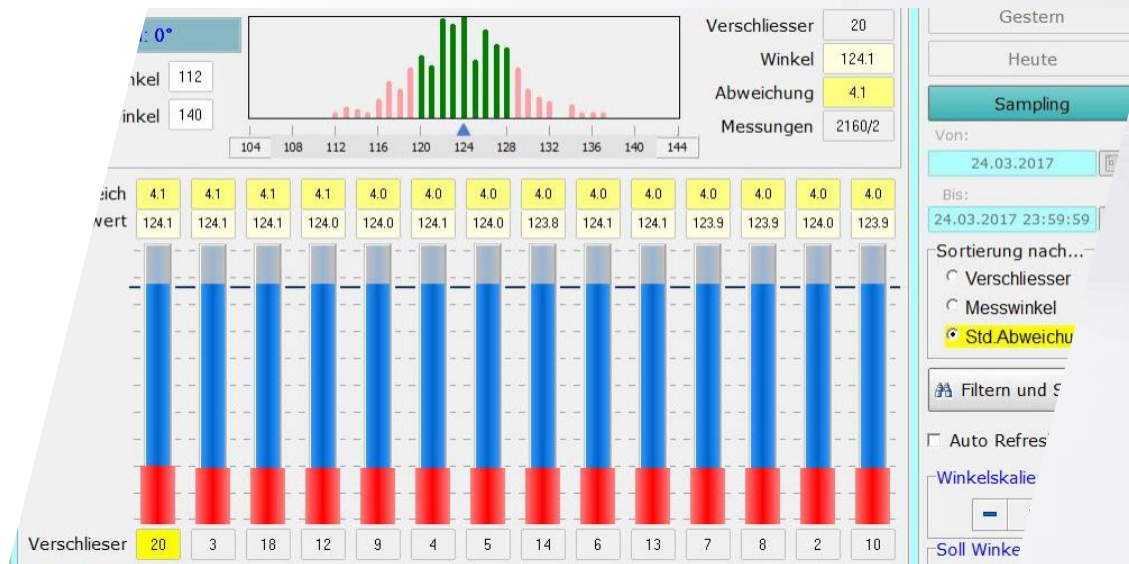
Screw-on Caps & Tethered Caps



Detection

Application angle deviations
from +/-3 degrees on applied caps

Statistics and documentation



Process

The BBULL APA Inspection system

takes a high-quality picture to see where there are marks on the bottle and cap. It uses this information to figure out the angle of the cap and then checks to make sure it's within a correct range.



Features



- Up to **65,000** caps per hour
- Set points of allowed deviations free selectable
- Capper monitoring / statistics
- Cap position in relation to each closing device
- Early detection of damaged closing devices
- Integrated tracking
- Operation & visualisation via
 - 21" display
- Easy teach-in
- Advanced statistics
- Connectivity with other BBULL systems
- Multi-line concept
- Cascadable- & expandable
- Remote maintenance
- Compact design

Expansions

Tethered cap inspection

- **IMAGE 360**

Label Inspection

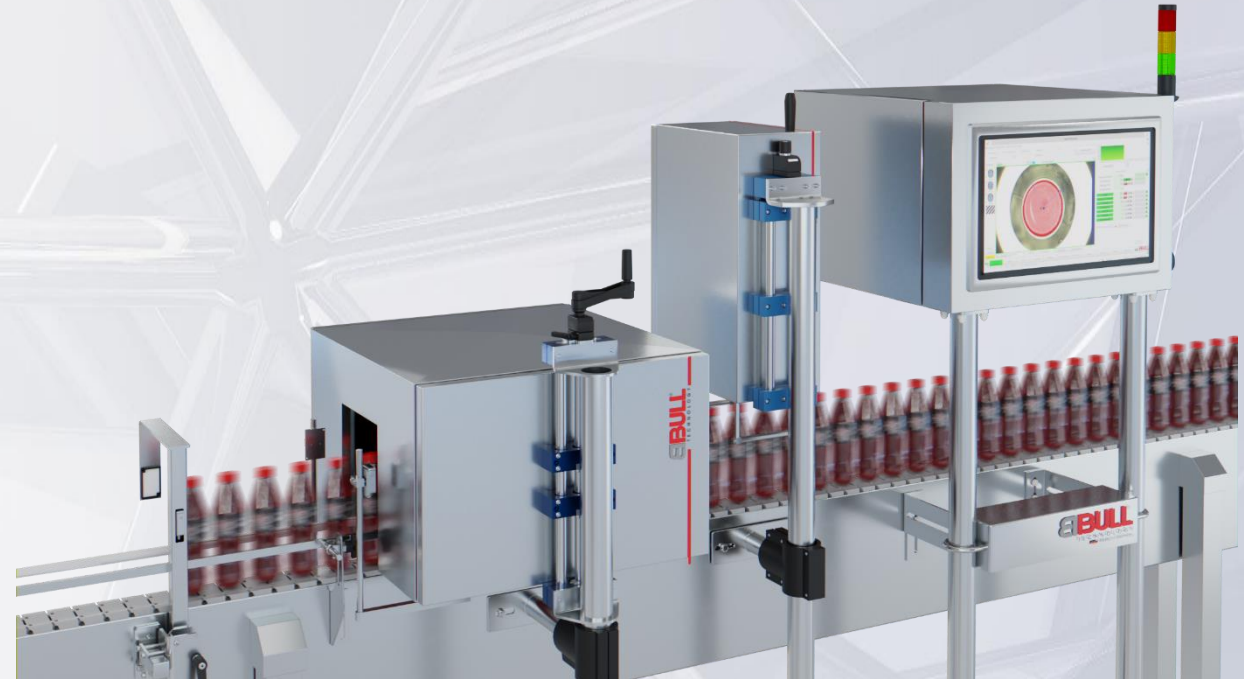
- **IMAGE 360**

Filler-Closer QM with additional database and inspections:

- **Cap Alignment and Integrity of Tamper Band**
- **Weight**
- **Pressure**
- **Fill-Height**

Recommended Rejection System

- **PUSHER** – Pneumatic/Servo rejection system
- **FLEX** – Pneumatic rejection system





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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!

