



On-line Process & Quality controls

Kompass

Automatic glass articles orientator

While hollow glass complexity is constantly increasing, quality targets are also more and more challenging for glass containers. In this competitive environment, glass packaging design plays a major part especially in markets like the spirit industry. Such design's innovations as internal handgrips, multiple complex engravings or shape combinations eg. bottom square with round shoulders, should be now seriously taken into account.

Tiama offers a new approach:

- to turn Quality issues into competitive advantages
- to measurably improve detection performances on complex glass articles

Kompass orientating device

KOMPASS system orientates glass articles automatically before performing sidewall inspection.

It is based on the existing market references:

- MULTI 4 - base and finish inspection
- and MCAL 4 - sidewall and dimensional inspection.

KOMPASS was developed in close co-operation with the German company **Bertram Elektrotechnik GmbH**, well-known for its high-end innovative article handling and manipulation systems for glass plants, to ensure the highest technical consistency.

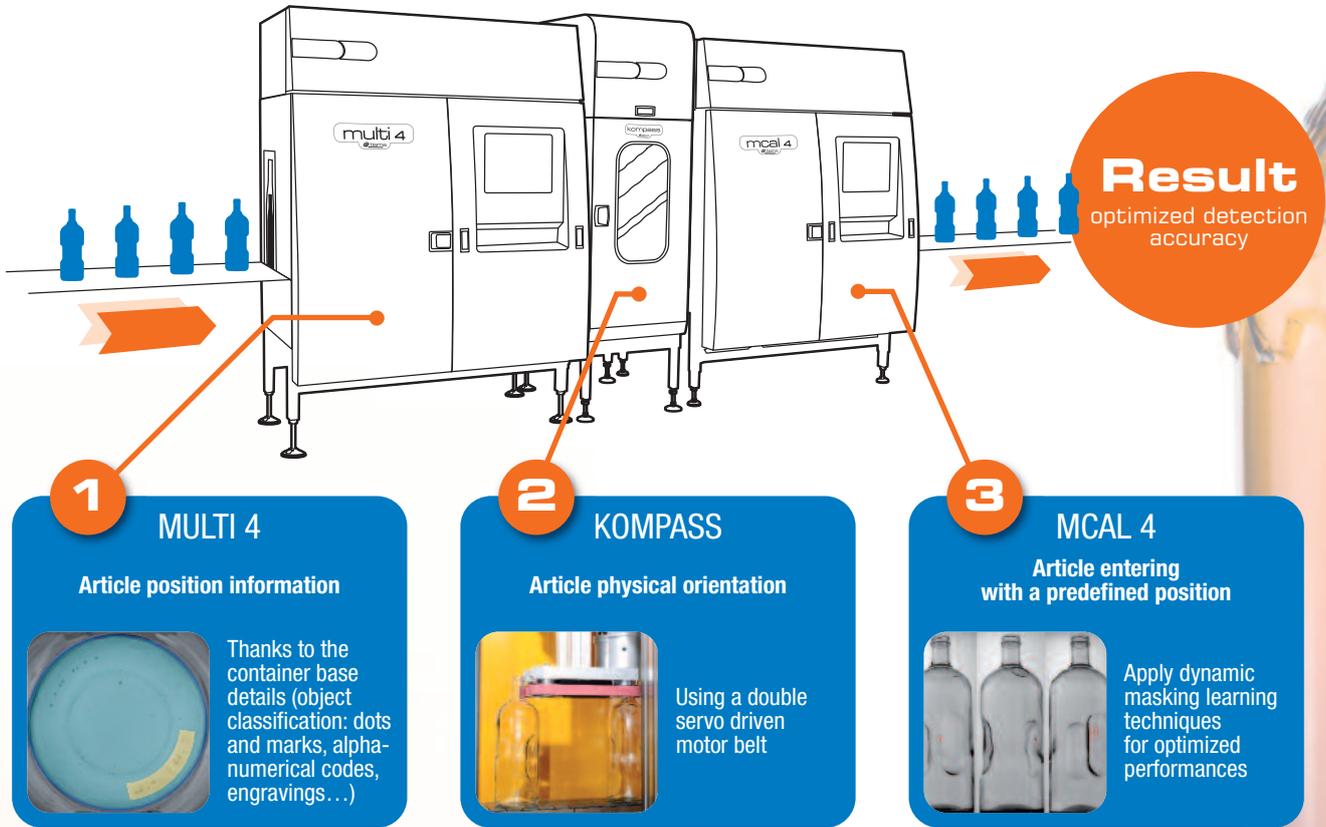


MSC & SGCC

Kompass

Operating principle

KOMPASS is placed just between the MULTI 4 and the MCAL 4, so that containers enter the MCAL 4 within a predefined, repeatable orientation before inspection.



Performances

Whatever the article shape and complexity, Kompass allows to inspect every part of the container, including complex engraved areas and handgrips.

Your benefits with Kompass

- The highest possible detection performances on odd-shaped articles.
- No impact on the linear article speed (no spacing/accumulation issues).
- Very compact – only 780 mm wide.
- Virtually no adjustments for the operator.
- New answer for the existing and future quality complex requirements.

Kompass characteristics

Width	780 mm
Length	1070 mm
Height	2215 mm
Maximum speed	350 BPM



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