

Technical News Bulletin

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SCOUT® Inspection Update

- Integrated graphical display
- Accurate feature detection
- Maximum inspection sensitivities

SCOUT Technology (on FleXinspect B, BC, and SCOUT-upgraded Veritas iB) improves base inspection capabilities for all containers with embossed features/production

Automatic masking feature for precise base inspection

Challenge: Inspection of bottles with heavily embossed features on the bottom plate or heel have always been difficult to set up and often required sacrifices in the inspection sensitivities. Constant monitoring and adjustments were required to maximize inspection coverage while reducing good ware losses.

Solution: Using intelligent learning algorithms, SCOUT automatically locates the embossed pattern and uses the result to create an exclusion zone (mask) of the feature shape. The feature is then masked out, so the remaining area can be inspected with the same sensitivities as the clear areas of the container. With SCOUT flaws detected around or even touching the exclusion zone now can be inspected, classified and rejected providing the highest level of inspection coverage possible for every container.

Features:

- Integrated graphical display
- Automatically locates and masks the feature from the inspection zone
- Detects defects even when contacting the exclusion zone

Benefits:

- Accurate feature detection
- Simplifies base inspection setup
- Maximum inspection sensitivities

