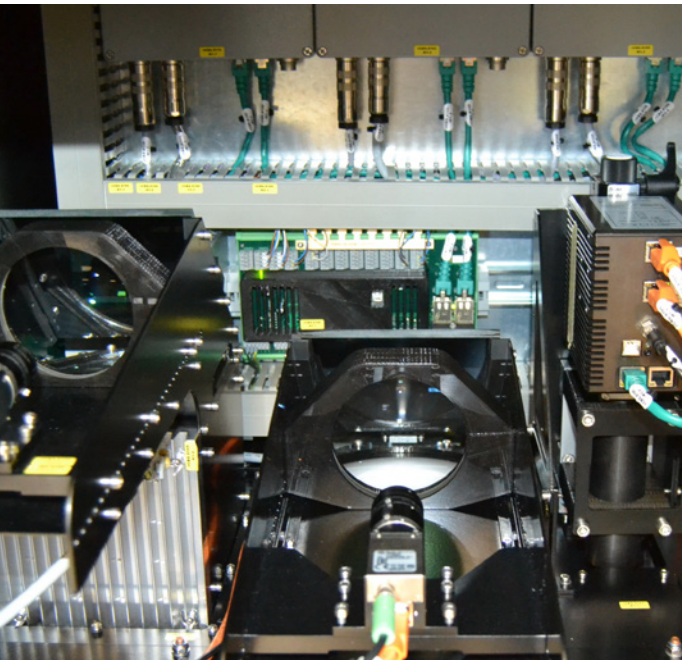


FleXinspect B Generation III

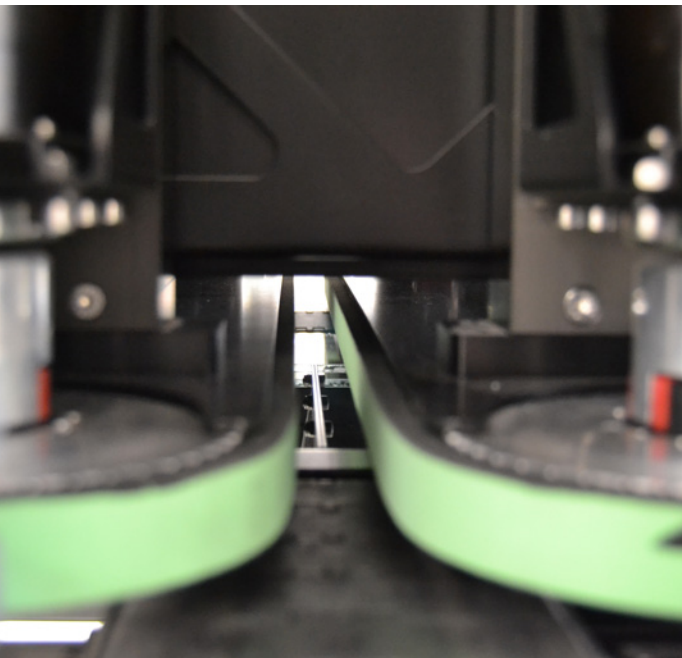


Comprehensive top and
bottom inspection with
mold correlation options

- A simple and easy to configure platform that easily allows the configuration of multiple machines at once, the FleXinspect B Generation III provides unmatched automation for glass makers
- Job portability and repeatability
- Motorized adjustments
- SmartInspect AI supported for quick job change and usability improvement
- Touch free optics



FlexInspect B Generation III optical cabinet



FlexInspect B Generation III ware handler

Convenience through automated settings

The FlexInspect B Generation III is a reliable and uniquely configurable platform that easily allows inspection functionality to be added as required. All adjustments are fully motorized providing unmatched repeatability and shortest job change times giving glassmakers flexibility and value.

High-resolution cameras and special optics allow inspection of the complete bottom area with advanced algorithms including stipple and baffle filters (also for non-round). When equipped with a mold reading option, the FlexInspect B Generation III mold-correlates results from all installed inspections.

Job portability and repeatability

- Jobs can be adjusted on one inspection line and instantly rolled out to the remaining machines
- Comparison tools ensure constant settings throughout all legs

Motorized adjustments

- Once a job is selected all inspection machines automatically adjust to suit that container

Touch free optics

- All inspection relevant optical components are sealed to reduce the chance of damage and the need for cleaning and the need for cleaning

Features

- Quick job change for new articles, fully automatic recall of previous jobs, no manual adjustments
- Dust proof optical assemblies (cameras & lights) and air conditioned electrical enclosures
- Cavity correlation of all defects
- Traceability of change (who, what, when)
- Virtual samples database guarantees continues monitoring of the quality
- 4 servo driven carry belts
- Integrated 21.5" touch display
- 5 megapixel camera resolution - standard
- Prepare jobs in advance with off line setup possibility via software simulator

Ware Range

- Height: 40mm-440mm
- Body Diameter: 15mm-160mm
- Finish Diameter: 4.5mm-120mm
- Tall ware up to 600mm - available on request
- Wire Edge: up to 47mm finish diameter
- BUVMNR: heel code up to 10mm height, max. 90mm container diameter

Available Inspections

- Base Inspection
- Base Stress
- Sealing Surface Finish 1 (reflective light / light field)
- Sealing Surface Finish 1 (reflective light / light field) with Wire Edge
- Sealing Surface Finish 2 (incident light / dark field)
- Vision mold number reader in base station (heel codes and base codes - top down)
- Smart vision mold number reader (seven segment base code - top down)
- BUVMNR Bottom Up Vision Mold Number Reader (heel codes - bottom up)

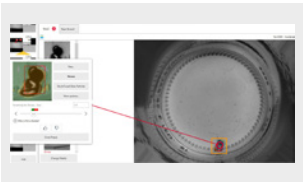
Typical Production Speeds

Type	Production Speed	Burst Speed
Beer	300-500	600
Wine	250-400	450
Baby Food	300-500	600
Non Round	100-300	N/A

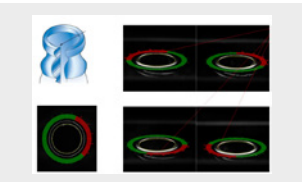
Conveyor Speed: Max 1m/s



SmartInspect AI
SmartInspect AI transforms inspection setup by maximizing defect detection while significantly reducing complexity. Unlike conventional systems that rely on predefined Regions of Interest (ROI), it eliminates the need for extensive ROI configuration.



Intuitive User Interface
Improved usability and handling of common tasks with structured visual feedback.



FleXinspect B Generation III Finish
Two inspection methods (reflection and incident light) guarantee the best inspection results. Optionally with enhanced Wire Edge.



HEAT data collection and visualization
Understand and improve your process and pack to melt with detailed statistics and forming related reject information collected from your inspection equipment.

Specifications

Power requirements

240VAC 1L N and 16Amp fuse

NOTE: Transformer required for any other voltage.

Air requirements

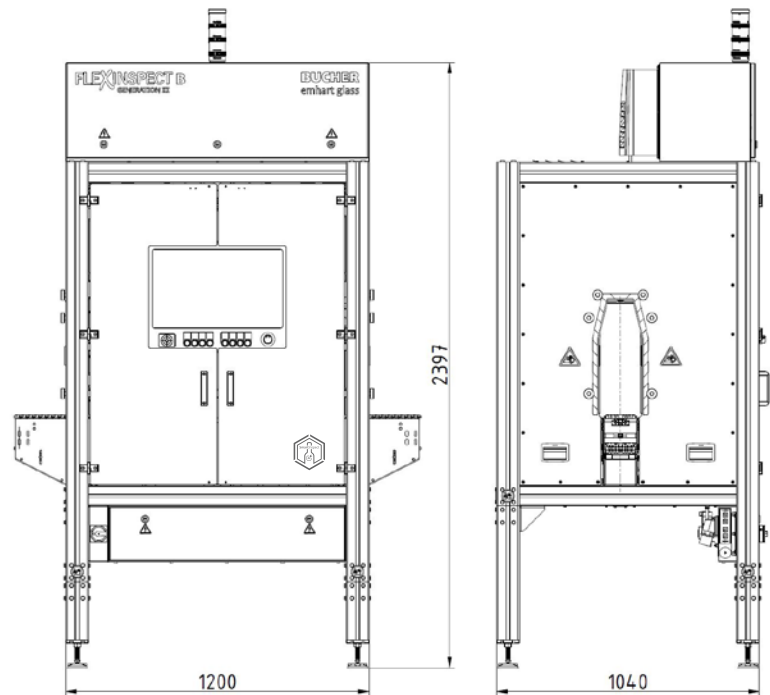
Minimum 3.5 bar nominal [50 psi]

Maximum 0.8 to 0.85 m³/minute

Environmental considerations

Temperature Max. 50 °C [122 °F]

Relative humidity Max. 95% relative humidity
(non-condensing)



Specifications are subject to change. Actual performance depends on specific application, container size, and line speed. Dimensions represent nominal machine size and are not for installation purposes.

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September 2026

Technical changes reserved.