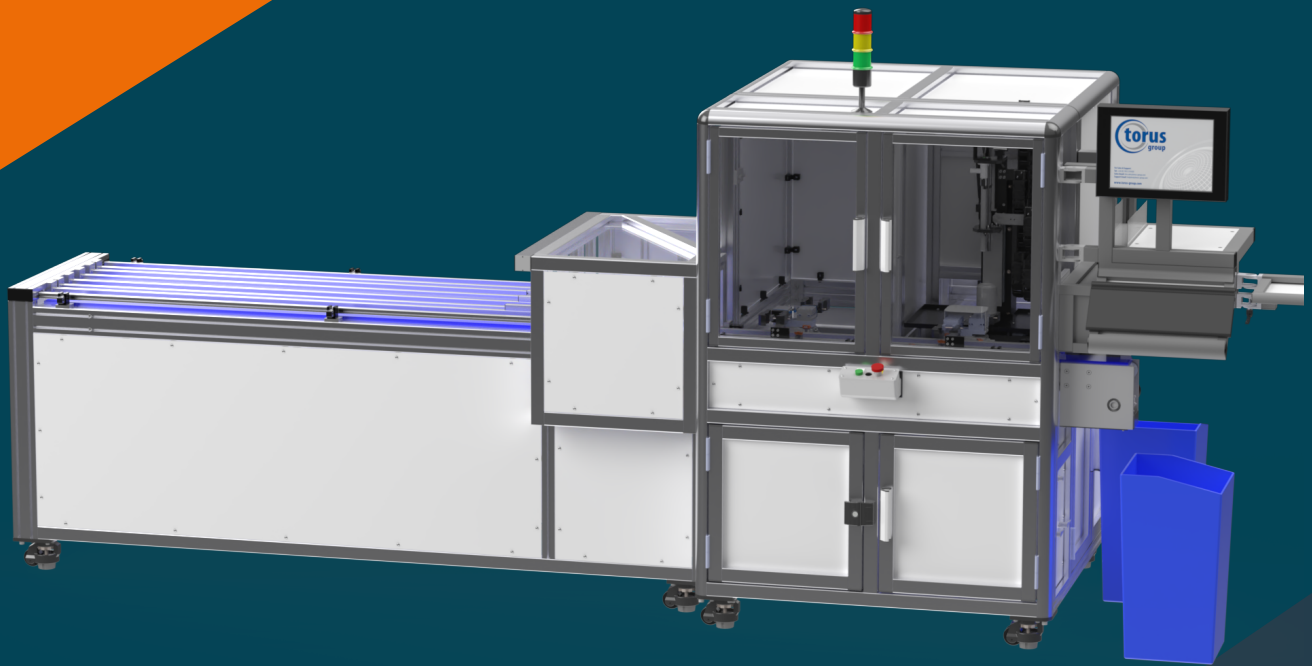




Automatic Enamel Rating Metal Exposure Gauge

Z313

Automatic Enamel Rating Metal Exposure Gauge

Brought to you by Torus, the Z313 Series Enamel Rater can be specified for conveyor loaded (Automatic) or fully line fed (In-line) operation.

The system can be specified with Torus' optional LSM/ISG recognition camera module, ensuring SPC data output is "tagged" with the relevant traceability for effective remedial actions.

Completely Modular

Our modular gauge setups are unique and allow you to customize your gauge as and when you require, giving you the flexibility to ensure you have a total quality solution.

Add any of the modules at any time.

1. Multi-Lane Input Conveyor

- Lane capability typically 24 x 211 body dia. can
- Single lane - 6 options available
- Automatic in-line configuration for each lane available

2. Vision Module Z312

- Quality percentage of UV Base RIM Coat (BRC) lacquer presence
- Optional Z312 Vision Module available for internal spray gun recognition (ISG)

3. Lacquer Distribution Module (Visible/NIR) Z340

- Internal/External Lacquer Distribution, finished and straight walled
- Base RIM Coat (BRC) - (manually loaded tooling)
- Reverse Wall Lacquer Distribution (manually loaded tooling)

4. Blank Station for Future Upgrades

- Blank Station ready for future Z312 or Z340 upgrade

5. Enamel Rating Module Z313

- High accuracy "rating" system - Accuracy: +/- 0.1mA
- Hi-Res system - Accuracy: +/- 0.02mA

Technical Specification:

Can Materials	Aluminium (Hi-Res for steel)
Can Stages	Finished, Straight Walled
Can Finished Height Range	90 - 205 mm
Internal Neck Diameter	Ø 50.00 - Ø 67.00 mm
Power	100-240V / 50-60Hz
Compressed Air	5 bar / 73 PSI
Weight	710kg Max.
Dimensions	(W) 4030 mm x (H) 1679 mm x (L) 1440 mm (with 4 lane conveyor)

Measurement Features:

Enamel Rating (mA) 0 - 100 mA	Accuracy: +/- 0.1 mA	R&R: 0.2 mA
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Enamel Rating (mA) 100 mA +	Accuracy: +/- 0.5 mA	R&R: 1.0 mA
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Ink Spray Gun Colour	Typical Read Rate: > 95 %
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Steel Cans

Enamel Rating (mA) 0 - 100 mA	Accuracy: +/- 0.02 mA	R&R: 0.02 mA
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Enamel Rating (mA) 100 mA +	Accuracy: +/- 0.1 mA	R&R: 0.2 mA
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Benefits:

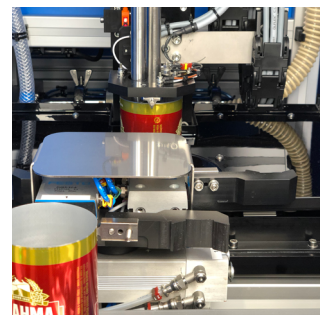
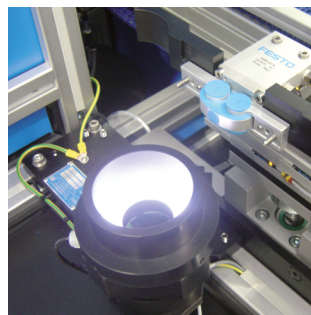
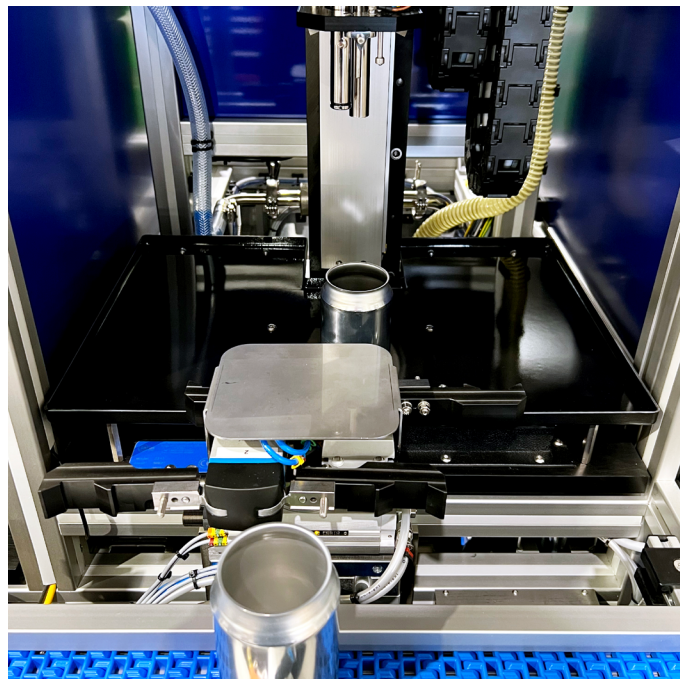
- 202 - 300 body size capability and NO change parts.
- Conveyor loaded or in-line operation
- Optional 'internal spray gun' recognition camera module
- 'Posi-Fill' system for complete fill speed and level control
- 3 cans per minute throughput
- High-accuracy 'rating' system
- In-cycle conductivity monitoring giving customers confidence in their mA results

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Ordering Information:

Article Number	Article Description
Z313 BEV	Automatic Enamel Rating (Metal Exposure) Gauge



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