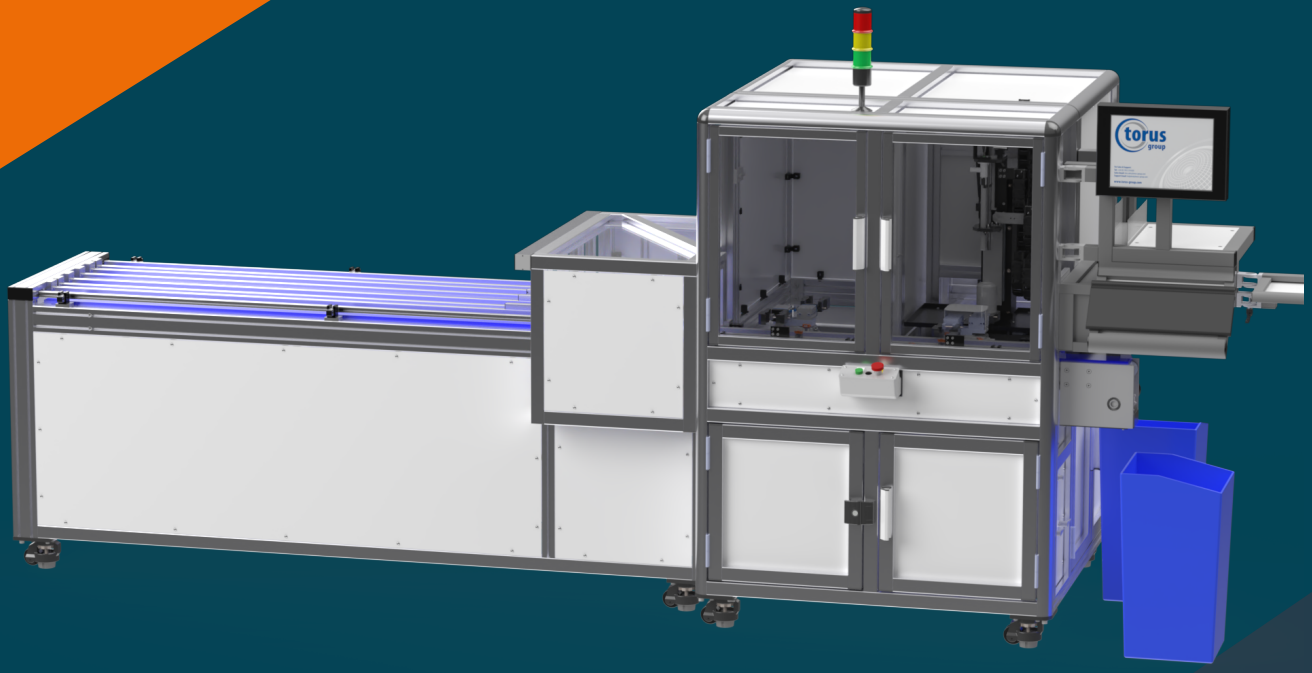


Automatic Food Can Enamel Rating (Metal Exposure) Gauge

Z313

INDUSTRIAL PHYSICS

Protecting
Product Integrity

Automatic Food Can Enamel Rating (Metal Exposure) Gauge

Brought to you by Torus, the Z313 Series Food Can 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 outputis "tagged" with the relevant traceability for effective remedial actions.

Technical Specification:

Can Materials	Aluminium (Hi-Res for steel)
Can Stages	Finished, Straight Walled
Can Finished Height Range	90 - 205 mm
Can Outer Body Diameter	Ø 211 - Ø 307
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)

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. Blank Station for Future Upgrades

- Blank Station for Future Upgrades

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)

5. Enamel Rating Module Z313

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

Measurement Features:

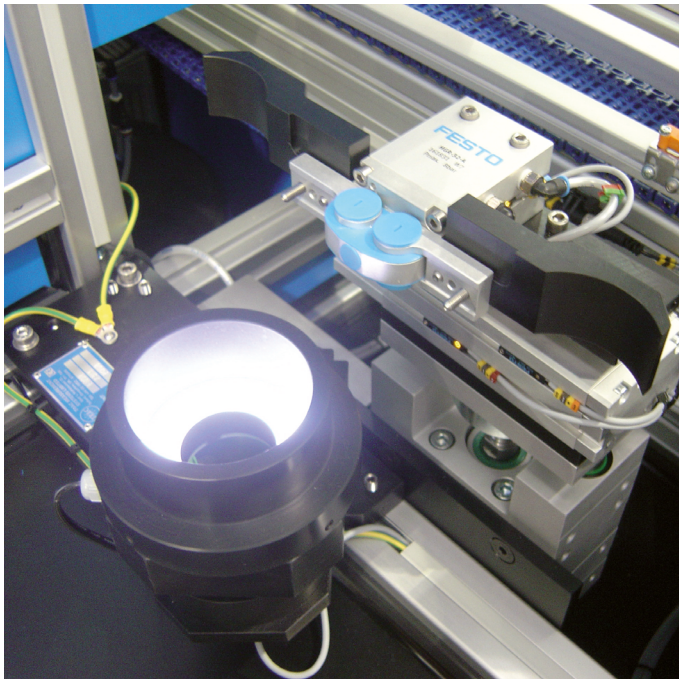
Enamel Rating (mA) 0 - 100 mA	Accuracy: +\- 0.1 mA	R&R: 0.2 mA
Enamel Rating (mA) 100 mA +	Accuracy: +\- 0.5 mA	R&R: 1.0 mA

Steel Cans

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

Ordering Information:

Article Number	Article Description
Z313 FOOD	Automatic Food Can Enamel Rating (Metal Exposure) Gauge



Benefits:

- Ø 211 - Ø 307 body size capability and NO change parts
- Conveyor loaded or in-line operation
- 'Posi-Fill' system for complete fill speed and level control
- Approximately 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.

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INDUSTRIAL PHYSICS

torus