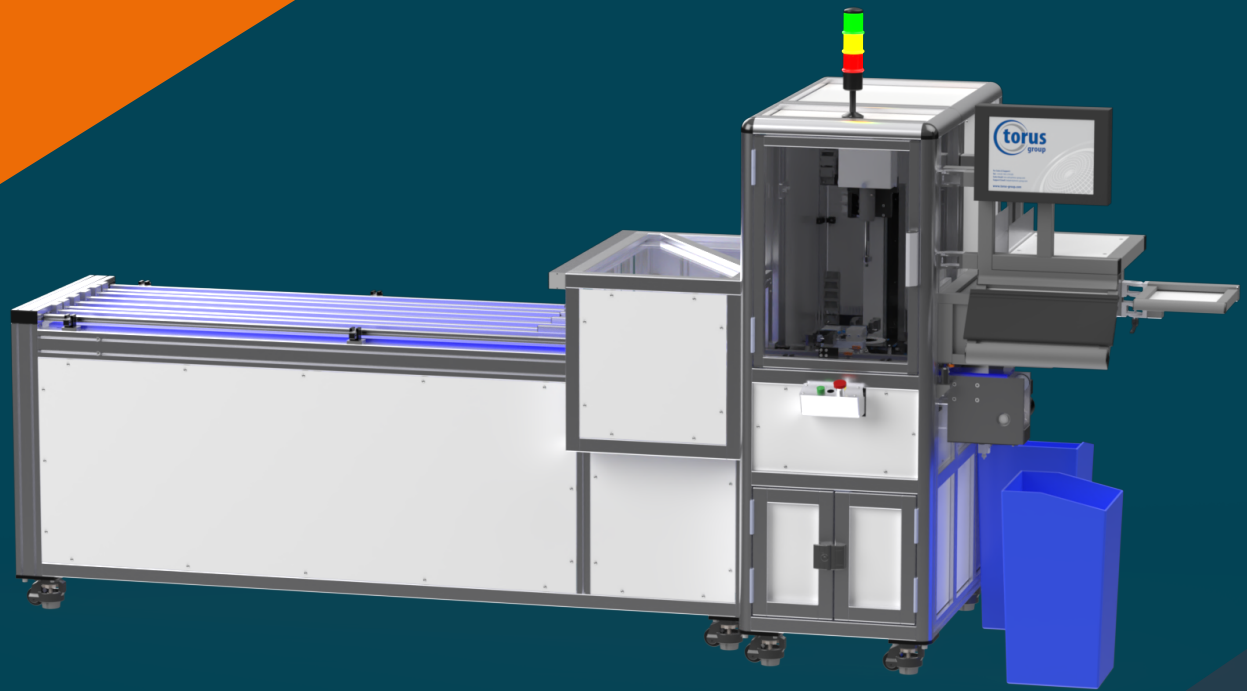




Automatic Trimmed Food Can Inspection Gauge

Z303

Automatic Trimmed Food Can Measurement Gauge

Brought to you by Torus, the gauge features fixed-top and mid-wall probe positions for multi-positional radial measurement, with a dedicated caliper to ensure the correct top and mid-wall thickness measurement position every time.

The proven contact measurement technology ensures accurate, reliable and traceable measurement 24/7.

The gauge is also available as a Floor-Standing Semi-Automatic version.

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.

Start with the standard Z303 Trimmed Food Can Measurement Front End Gauge and add any of the below optional 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. Trimmed Can Weight Module Z309

- Determines can weight
- Meets industry standard
- Resolution: 0.001g

3. Axial Load Module Z307

- Determines the maximum axial load force that can be applied prior to container failure
- Accuracy: +/- 10N

Technical Specification:

Can Range	Ø 202- Ø 307 body diameters
Can Materials	Aluminum/Steel
Can Height Range	87-210 mm
Can Dome Depth Range	9-13 mm
Can Wall Thickness Range	0-1 mm
Power	100-240V / 50-60Hz
Compressed Air	5 bar / 73 PSI
Weight	620kg Max.
Dimensions	(W) 3427 mm x (H) 1614 mm x (L) 1060 mm (with 4 lane conveyor)

Measurement Features:

Mid Wall Thickness	1-16 positions Accuracy: ± 0.001 mm
Top Wall Thickness	1-16 positions Accuracy: ± 0.001 mm
Trimmed Can Height	1-16 positions Accuracy: ± 0.010 mm
Panel Depth	1-16 positions Accuracy: ± 0.010 mm
Countersink	Single point Accuracy: ± 0.025 mm

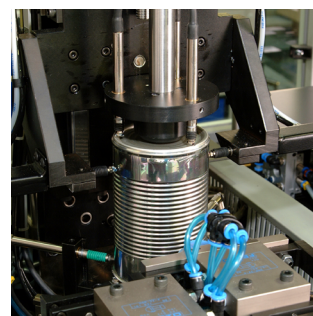
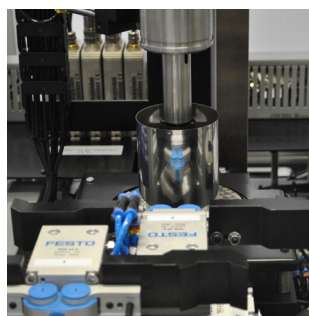
Repeatability Performance Data - available upon request

Ordering Information:

Article Number	Article Description
Z303 FE	Automatic Trimmed Food Can Inspection Gauge

Benefits:

- Speed and accuracy
- Confidence in your production process
- Modular concept to cater for future upgrades
- Cost-effective upgrade path for additional modules to be added
- Fully automated, removing operator bias
- In-line ready. Ideal for wall-to-wall plants, significantly increasing throughput and data collection



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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