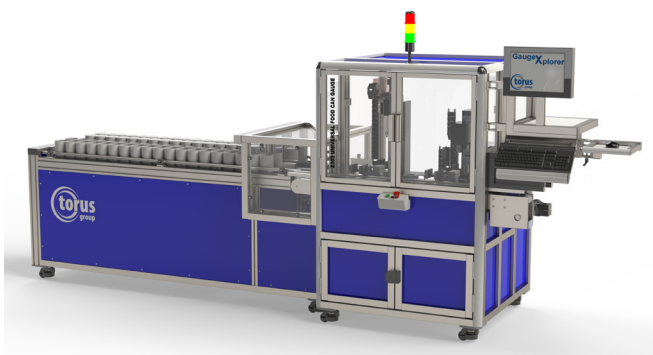


Z303 Automatic Universal (Trimmed & Finished) Food Can Inspection Gauge



Also available in
Floor-standing Semi-automatic



ELECTRICITY
100-240 Volts / 50-60 Hz



COMPRESSED AIR
5 bar / 73 PSI



WEIGHT
760kg



DIMENSIONS
(W) 3959mm x (H) 1614mm
(L) 1060mm (with 4 lane conveyor)

The Universal Trimmed & Finished Food Can Inspection Gauge from Torus Measurement Systems defines the standard for dimensional inspection of food cans.

Measurement Features:

Trimmed Can Features		Accuracy
Mid Wall Thickness	1-16 positions	+/- 0.001 mm
Top Wall Thickness	1-16 positions	+/- 0.001 mm
Trimmed Can Height	1-16 positions	+/- 0.010 mm
Panel Depth	1-16 positions	+/- 0.010 mm
Countersink	1-16 positions	+/- 0.025 mm

Finished Can Features		Accuracy
Flanged Can Height		+/- 0.010 mm
Finished Can Height		+/- 0.010 mm
Flange Width		+/- 0.010 mm
Bead Depth		+/- 0.010 mm
Roll Bead Diameter		+/- 0.010 mm
Roll Bead Position		+/- 0.025 mm
Bead Symmetry		+/- 0.025 mm
Panel Resist		+/- 0.5 PSI

Technical Specification:

Trimmed Can Capabilities	Typical Range
Can Range	Ø 211 - Ø 307 body diameters
Can Materials	Aluminium/Steel
Can Height Range	87 - 210 mm
Can Dome Depth Range	9 - 13 mm
Can Wall Thickness Range	0 - 1 mm
Can Body Diameter Range	Ø 202 - Ø 307 body diameters

Technical Specification:

Finished Can Capabilities	Typical Range
Can Range	Ø 202 - Ø 307 body diameters
Can Materials	Aluminium/Steel
Can Height Range	87 - 210 mm
Can Flange Width Range	1.5 - 2.5 mm
Can Internal Neck Dia. Range	Ø 200 - Ø 209 body diameters

Repeatability Performance Data - available upon request

Benefits to your business

- 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
- Trimmed and finished can inspection in one cabinet saves operator time, resource and space

Customise your Gauge

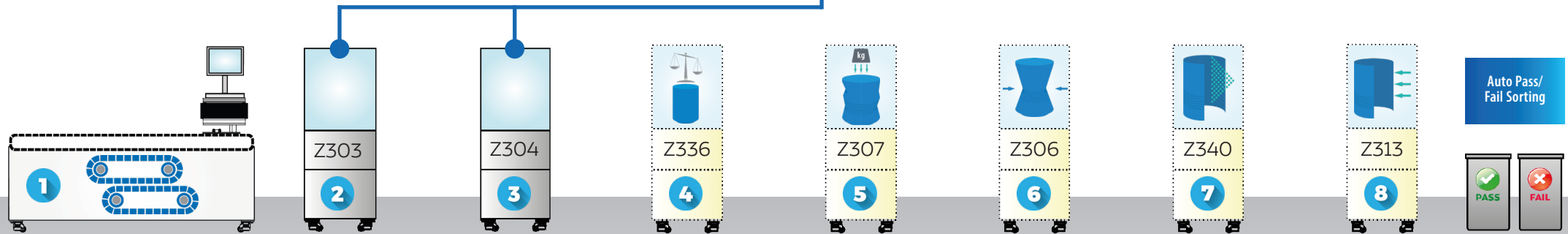
Our modular gauge setups are unique and allow you to customise your gauge as and when you require, giving you the flexibility to ensure you have a total quality solution.

1

Start with the standard **Z303 Trimmed Food Can Gauge** and the **Z304 Finished Food Can Gauge**

2

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

Additional Options

- **In Cycle Calibration module** - for in-line inspection

3

In-Cycle Calibration/Auto Can Rotation

- For in-line inspection
- Increased measurement data for multiple radial positions

4

Trimmed and Finished Can Weight Module

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

5

Axial Load Module

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

6

Panel Resistance Module

- Determines maximum panel resistance vacuum pressure the can will be able to achieve prior to failure
- **Accuracy:** +/- 0.5 PSI

7

Lacquer Distribution Module (Visible/NIR)

- Internal Lacquer Distribution, finished and straight walled
- **Accuracy:** +/- 0.0002mm

8

Enamel Rating Module

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