

Z304 Automatic 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

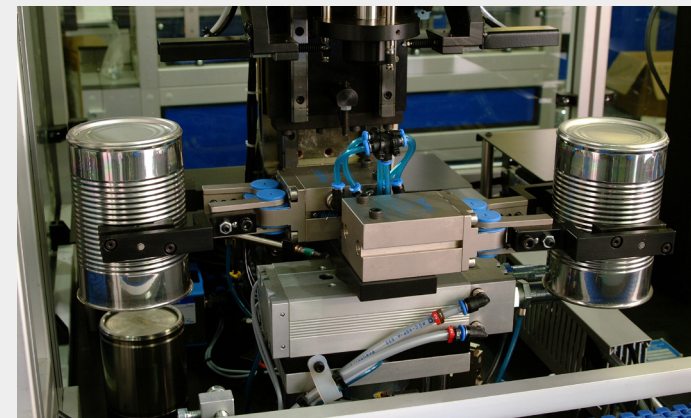
**WEIGHT**

635kg

**DIMENSIONS**(W) 3427mm x (H) 1614mm
(L) 1060mm (with 4 lane conveyor)

The gauge features high-precision transducer technology, using dedicated probe contact for accurate, reliable and traceable measurement of your finished cans.

An additional option is available for component rotation to enable additional radial measurement positions, giving you significantly increased measurement data allowing increased data analysis for instant process control.

**Measurement Features:**

Feature	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

Technical Specification:

Capabilities	Typical Range
Can Range	Ø 211 - 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
- › In-line ready, ideal for wall-to-wall plants, significantly increasing throughput and data collection



Click [here](#) to view the video



Customise your Gauge

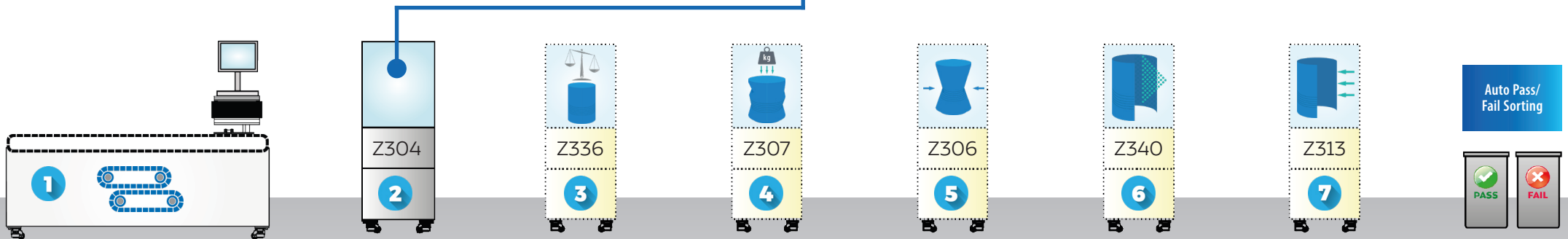
Our modular gauge setups are unique and allow you to customise your gauge as and when you require, giving you the flexibility to ensure you have a total quality solution.

1

Start with the standard **Z304 Finished Food Can Inspection Back End 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

In-Cycle Calibration/Auto Can Rotation

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

3

Finished Can Weight Module

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

4

Axial Load Module

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

5

Panel Resistance Module

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

6

Lacquer Distribution Module (Visible/NIR)

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

7

Enamel Rating Module

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