

Z702 Automatic Finished Aerosol Can Inspection Gauge

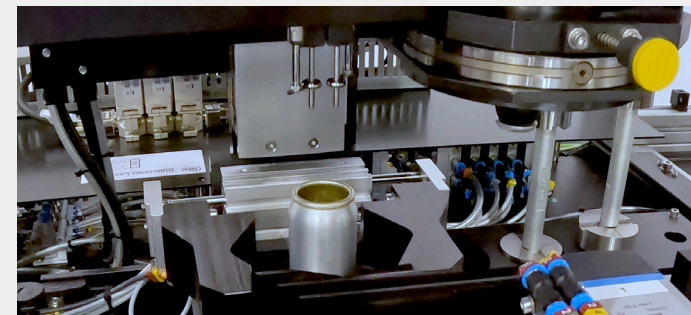


The Torus Z702 Automatic Finished Aerosol Can Inspection Gauge has been developed to inspect all the critical dimensions of an aerosol can.

Using state-of-the-art optical measurement technology, critical dimensions on the body and neck areas can be obtained quickly without operator intervention.

How it works

Unlike other vision based technologies, a collimated light source combined with a high-resolution camera and lens generate a high resolution image of the aerosol centreline, from which precise form data is collected using Torus' GaugeXplorer software.




Benefits to your business

- Fast cycle time
- No operator influence on measurement results
- Automation translates to greater labour hours available, improving compliance & increasing your ability to scale.
- Accurate, repeatable and traceable inspection data superior to traditional methods
- Removing operator bias, giving you complete confidence in your process control.
- Significantly reduces labour time.
- Modular concept to cater for future upgrades.

 **ELECTRICITY**
100-240 Volts / 50-60 Hz

 **COMPRESSED AIR**
5 bar / 73 PSI

 **WEIGHT**
950kg

 **DIMENSIONS**
(W) 4010mm x (H) 1802mm x
(D) 1217.5mm


Measurement Features:

Feature	Accuracy
Optical Features: Includes: Diameters, Heights, Pitch, Depth, Intersections, Angles	+/- 0.030 mm
Contact Features: Internal Diameter, Overall Height, Inner Bead Dia, Clinch Height and Bead Flatness/parallelism	+/- 0.030 mm

Other features available upon request

Technical Specification:

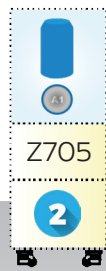
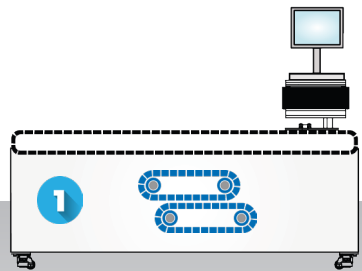
Capabilities	Typical Range
Body Diameter	Ø 35 - Ø 66
Can Height	60 mm - 245 mm
Contact (Clinch) Height	0 mm - 5 mm
Internal Neck Diameter	Ø 18 - Ø 32 mm

 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 Z702 Automatic Aerosol Finished Can Inspection 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

4 Vision Module (For more information see Z312)

- Quality percentage of UV Base RIM Coat (BRC) lacquer presence

2 Body Maker Recognition Module

- For in-line testing
- Detects bodymaker ID prior to measurement cycle to allow for bodymaker traceability

5 Axial Load Module

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

3 Z702 Automatic Aerosol Finished Can Inspection Gauge

- See first page for measurement features.