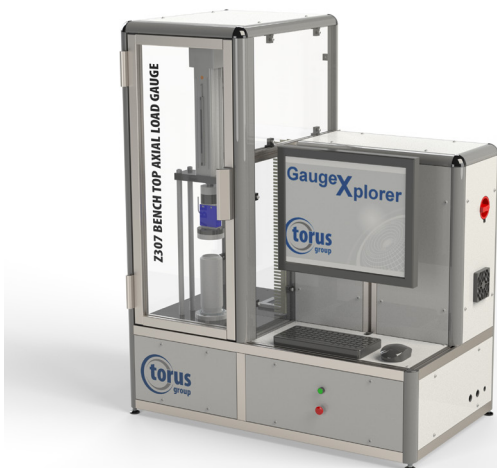


Z307 Semi-Automatic Bench Top Axial Load Gauge



The Z307 Semi-Automatic Bench Top Axial Load Gauge determines the maximum axial load force that can be applied prior to container failure within a short cycle time.

The Test

The test will begin once top tooling has detected the start of the axial load via the high accuracy mapped load cell, gathering accurate data throughout the inspection routine. Once the can sample has reached the buckle/column strength maximum achievable load, the result will be shown on screen and exported as necessary.

Gauge Features:

Available for both straight walled and finished beverage cans

Industry standard location plattens for component neck support

Selectable crush speed

Factory set plattens to ensure parallelism between gauge tooling faces

Measurement Features:

Feature	Accuracy	
Axial Load	The maximum force at which the container fails/collapses	+/- 10N

Technical Specification:

Capabilities	Typical Range
Can Materials	Aluminium
Can Stages	Finished, Straight Walled
Can Finished Height Range	87 - 190 mm
Can Outer Body Diameter	Ø 202 - Ø 307
Internal Neck Diameter	Ø 200 - Ø 209
Axial Load	≤ 2000 N

Repeatability Performance Data - available upon request

Benefits to your business

- Multi-size capability with quick change tooling
- Short cycle times due to the latest high-performance stepper motors (selectable crush speed)
- Customer-specific data outputs (kgf, lbf, newtons)
- High-accuracy axial load cell technology
- Available for trimmed and finished food and beverage cans

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

 **COMPRESSED AIR**
N/A

 **WEIGHT**
50kg Max

 **DIMENSIONS**
(W) 956mm x (H) 1170mm
(D) 550mm

