

Z308 Semi-Automatic Bench Top Dome Growth/Reversal Gauge



The Z308 Dome Growth/Reversal Gauge provides detailed information about the overall change in length of the can when pressure is applied and subsequently removed.

Firstly, an optional dome growth check can be performed; the system has programmable internal pressure capability to meet each customer's exact needs. Secondly, the can sample can be reversed to find the maximum pressure the sample can withstand before failure (otherwise known as dome reversal).

Technical Specification:	
Capabilities	Typical Range
Can Materials	Aluminium
Can Stages	Finished, Straight Walled
Can Finished Height Range	87 - 190 mm
Can Outer Body Diameter	53 - 66.5 mm
Internal Neck Diameter	50 - 58 mm
Dome Growth/Dome Reversal	≤ 930 kPa

Benefits to your business

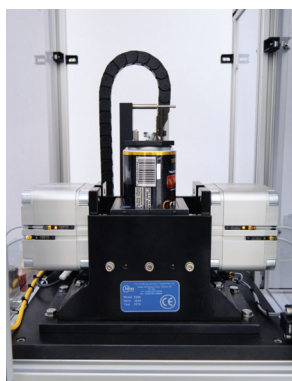
- Multi-size capability with quick change tooling
- Cost-effective way of attaining off-line dome growth/dome reversal inspection requirements
- Customer-specific data outputs (psi, kPa, lbs etc)
- High-accuracy pressure sensor technology
- Digital calibration and certified traceability

ELECTRICITY
100-240 Volts / 50-60 Hz

COMPRESSED AIR
6 bar / 87 PSI

WEIGHT
100kg Max

DIMENSIONS
(W) 1061mm x (H) 1173mm
(D) 593mm



Gauge Features:

Factory set industry standard flow rates

Selectable dome growth pressure

Measurement Features:

Feature		Accuracy
Dome Growth	The distance in which the component expands in length after being subjected to a specified dome growth pressure.	+/- 0.10 mm
Dome Reversal	The pressure under which the component dome reverses.	+/- 0.05 bar

