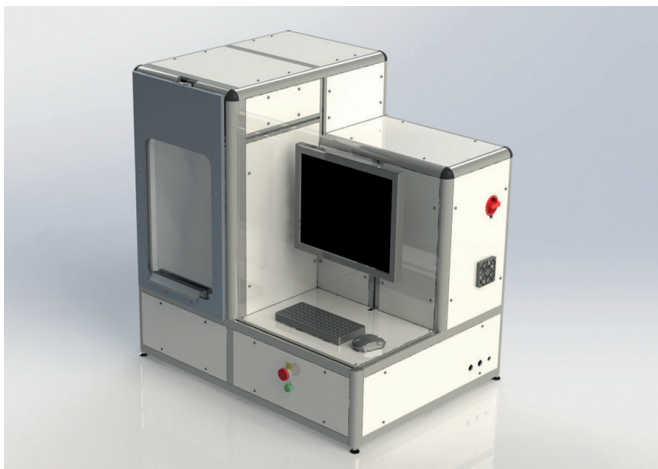


B303 Semi-Automatic Bottle Burst Gauge



The B303 Semi-Automatic Bottle Burst Gauge has been developed to verify production containers meet the minimum pressure requirements.

Also available as:
Automatic Module with the Torus TQ Lab



POWER
100-240 Volts / 50-60 Hz



WATER
Mains 1-2 bar or supplied with recirculating tank as standard



COMPRESSED AIR
7 bar / 102 PSI



DIMENSIONS
(W) 1030mm x (H) 1060mm x (D) 875mm

The system monitors expansion volumes, and yield points to provide important information regarding the stability of the bottle.

Quick-change tooling provides the capability to cover a wide range of industry neck finishes, future production proofing the machine as customer requirements and portfolios develop. With an expansion volume of up to 2400ml, the system covers small vials to large waterkeg containers.

Measurement Features:

Feature	Accuracy
Burst Pressure	bar, PSI +/- 0.2 bar
Expansion Volume	ml +/- 20.00 ml
Expansion %	%
Pressure Hold Out	Pass / Fail
Yield Point Pressure	bar, PSI
Yield Point Expansion Volume	%
Test Time	Seconds

Technical Specification:

Material Types	PET, PP, TRITAN
Component Volume Range	≤ 3000 ml
Component Neck Diameter	12.5 mm - 42 mm
Component Height Range	≤ 482 mm
Component Body Diameter	≤ ∅ 180 mm
Component Burst Pressure	≤ 24 bar
Component Expansion Volume	≤ 2400 ml
Component Neck Height	≤ 25 mm

Pressure and Expansion Options:

Low Range Pressure	24 bar / 2.4 L
Mid Range Pressure	35 bar / 1.8 L

The system has the option of being mains water supplied or recirculating from a local water tank, reducing running costs and therefore cost of ownership.

Reporting options such as standard CSV or Statistical Process Control (SPC)

Traceable to UKAS Standards.

Benefits to your business

- › Interchangeable neck diameter tooling to cover a wider range of bottle neck finishes and diameters without sacrificing sealing capability
- › Recirculating water tank reduces cost of ownership
- › Live Pressure vs. Time vs. Volume graphical display
- › Automated material yield pressure and volume
- › 3 hold periods and pressure range
- › Burst mode for quick cycle times

[Click here to view the video](#)

