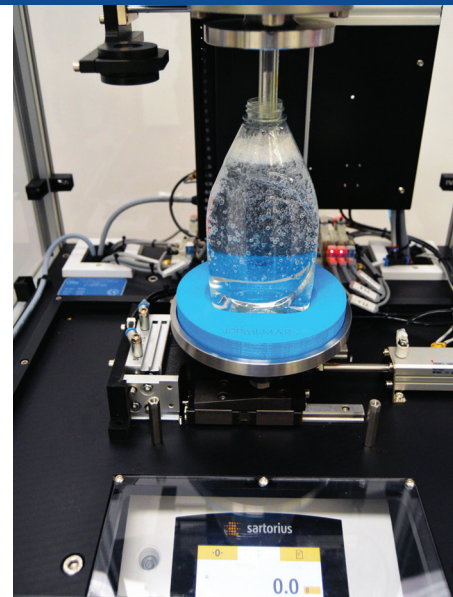
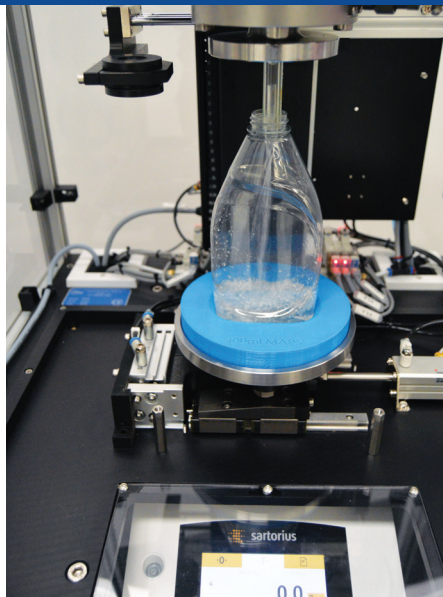


PRODUCT INFORMATION SHEET

B304 Top Load & Volume Gauge



Top Load & Volume Testing



Torus Measurement Systems brings the world's first single operation Top Load & Volume Test, preventing the need for the operator to move the bottle between tests, and advancing the speed and accuracy of your quality checks. Suitable for use in production or Research & Development.

The gauge enables faster testing with reliable data to help manufacturers verify the bottle strength when lightweighting or designing new bottle structures.

A Wet Top Load Test option is available, adding value to companies who convert and fill the bottle at the same plant.

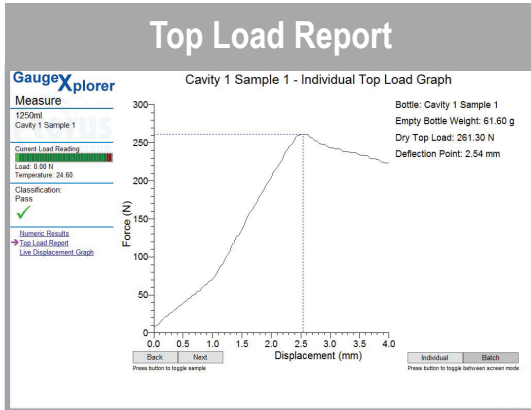
Standard Measurement Features

- Brim-full Volume
- Fill Height Volume
- Brim-full & Fill Height Volume in the same operation
- Dry Top Load Force
- Wet Top Load Force
- Empty Bottle Weight
- Bottle Deflection Point



PRODUCT INFORMATION SHEET

B304 Top Load & Volume Gauge



Improve your Measurement Reports

- Numerical
 - Empty Bottle Weight
 - Max Load
 - Volume
 - Deflection point
- Graph of Deflection vs Max Load
- Optional printout
- Flexible data output capability for SPC, CSV, and Excel.

Contact us today for a quote or to trial the B304 Top Load & Volume Gauge.

Additional Features

- Top load and Volume tests are combined in one station
- Faster Top load and Volume cycle times - No need to move the bottle between tests
- Selectable Force units (Kgf, N, lbs)
- Adheres to ASTM D2659 Standard Test Method for Column Crush Properties of Blown Thermoplastic Containers
- Optional seal mechanism to simulate capped bottle
- Centralised bottle locations for faster loading
- Powerful, user friendly, windows based software
- Machine and cavity number for traceability
- Various language options
- Factory calibrated
- 15" IP65 touchscreen monitor

Technical Specification

Component Types	Bottles, Jars, Containers
Max Height Range	480mm
Neck Diameter	Optional adaptor plates for various sized bottles
Max. Outside Diameter	200mm
Max. Bottle Volume	3000ml (Others upon evaluation)
System Accuracy	Fill Height (mm) +/- 1.0 Volume (ml) +/- 1.0 Top Load (N) +/- 5,00



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