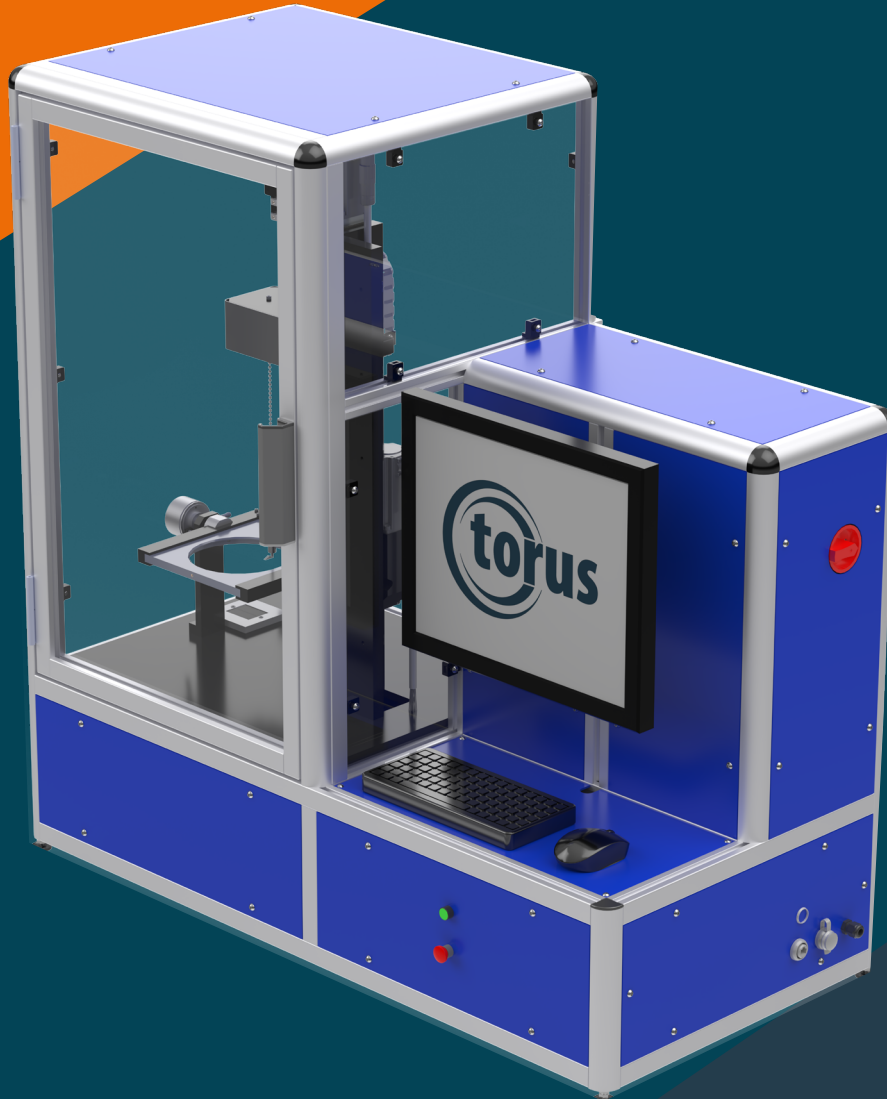




Semi-Automatic Bench Top Opening Force Gauge

Z603

Semi-Automatic Opening Force

The Torus Z603 Semi-Automatic Bench Top Opening Force Gauge is our industry leading pop and tear and tab strength testing machine for both food and beverage can ends with a simple change of parts.

Brought to you by Torus, our specialist measurement, automation, and metrology brand, the Z603 Semi-Auto Bench Top Opening Force Gauge checks the tabs on batches of your food or beverage can ends, making sure they're fit for purpose.

We've all experienced the frustration of attempting to pop a faulty tab when opening a favorite food or beverage can. It's annoying for any customer - a safety risk that can lead to cut fingers, complaints and a damaged reputation.

The Z603 was developed to solve this problem for food and beverage finished ends up to Ø153 in diameter. Simply let us know what diameter ends you want to test, and we can provide the change of tooling required to suit your needs. It applies increasing pressure, simulating the action of opening a can to offer you precisely controlled tests including pop and tear and tab strength inspections. You get clear and accurate results in both graph and numerical format - in just 35 seconds.

Open up an abundance of can testing options

The Z603 gives you a wide range of can opening tests in one versatile device, including:

- Pop force
- Pull force
- Tear force
- Pop angle
- Tear angle
- Tab force
- Tab strength

Technical Specification:

Component Materials	Aluminum / Steel
Component Stage	Finished Ends for Food and Beverage with change parts
Component Tab Type	SOT, RPT
Component Diameter	Ø202 - Ø603
Max Load Range	200 N
Accuracy	+/- 0.09 kg force
Repeatability	0.045 kg force
Tab Strength Measurement Units	Kg, N, lbs
Output	RS232
Electrical Power Required	220 v / 50 Hz
CE Marked	Yes

A top performing can tab tester

Our bench top can gauge safely performs a range of opening tests with a force accuracy of ± 0.09 kg. It also offers you exceptional 0.045 kg force repeatability.

Clear on-screen test results

Your testing results appear on a clear digital screen monitor after each batch is measured. The live feed pressure display graph, and the table format numeric display, respond using the parameter values you've inputted.

Pass or fail conformance tolerance

Quickly understand if your end components are fit for purpose by establishing "pass," "warning" and "fail" tolerance testing parameters. It's a useful, time-saving quality control procedure.

Export your results for in-depth analysis

The Z603 can gauge comes supplied with our advanced Torus GaugeXplorer measurement and machine control software. It has a range of features for your specific industry requirements to help improve productivity and meet quality requirements.

Benefits:

- Reliable accuracy of ± 0.09 kg and 0.045 kg force repeatability
- Fast opening force tests - 35 seconds per test
- Automatic tab rotation and alignment
- Set pass, warning or fail conformance tolerance limits
- Range of tooling parts for different end diameters, and range of hooks for ring pull tabs

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Ordering Information:

Article Number

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Article Description

Semi-Automatic Bench Top Opening Force Gauge

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