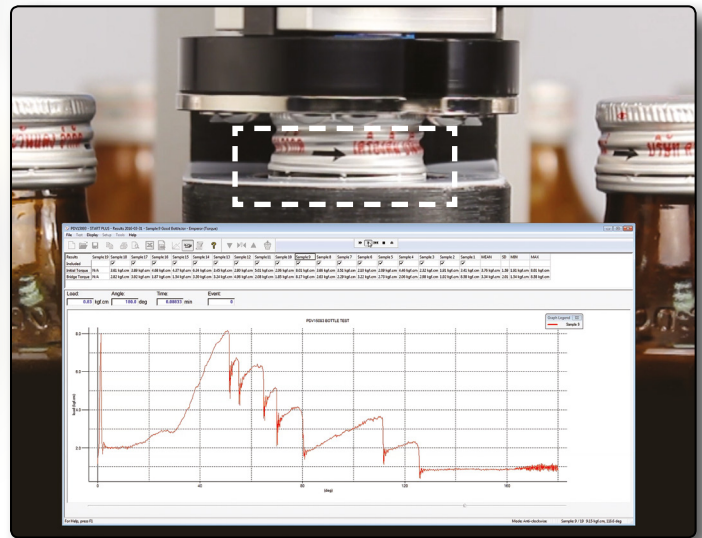


## ABC-t Automated Bottle Closure Tester

Fast, accurate and repeatable closure torque testing

- Repeatable testing, ensures accurate, consistent results every time
- Eliminate the risk of repetitive strain injury
- Increase productivity



Cap bridges breaking



# ABC-t

## Automated Bottle Closure Tester

The Mecmesin ABC-t automated bottle closure tester measures both initial slip and bridge torques on a range of Roll on Pilfer Proof (ROPP) closures, with all test results stored and exportable to peripheral devices, spreadsheets and SPC packages.

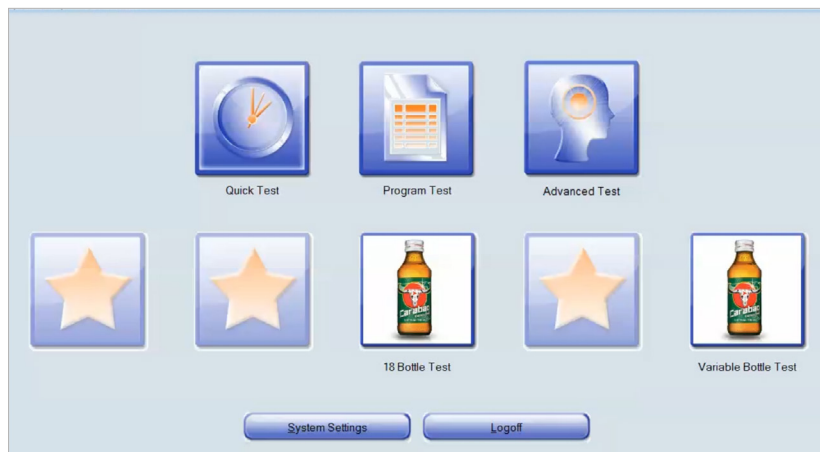
- Pre-programmed tests easily selectable
- Closures reapplied to prevent spillage
- Complete process enables repeatable and consistent results
- Increased productivity
- Simplicity of use
- Early identification of capping head adjustment requirements
- Eliminate repetitive strain injury



Mecmesin is a long-established provider of digital closure torque testing instruments and systems. In response to requests from our users, and using our acknowledged design experience, we have created the ABC-t automated closure tester. This offers the immediate benefits of greatly increased test throughput, and elimination of repetitive strain injury by operators twisting many closures.

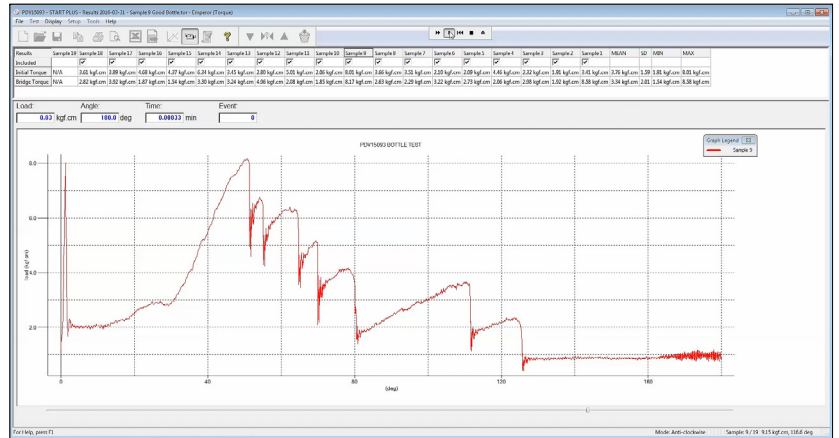
All sample positioning and testing movements are pre-programmed and pneumatically actuated, specifically to the customer's requirement. Test control and results analysis are performed by Mecmesin's proven Emperor™ software.

The ABC-t presents a versatile platform that can be tailored to meet the user's specific needs.



System can be pre-programmed for quick test initiation

The system shown on the front cover is designed to test 2 diameters of bottle: 50 and 55 mm diameter, both accommodated in a stepped location pocket on the rotary carousel delivering 18 bottles for testing without operator input. Samples are taken at regular intervals directly from the bottling line and tested, enabling the performance of the 18 station capping head to be optimised with test results fed directly into the factory wide SPC system for process capability and traceability.



Instant identification of cap bridges breaking shows performance of the capping machine



◀ print or save reports

## Specific Information Required for Quotation

- Bottle dimensions (height/diameter/material)
- Closure diameter and material type.
- Anticipated torque (Max 6 N.m)
- Torque test type (slip/bridge/removal)
- Typical batch size
- Presentation of test results

Mecmesin has an established reputation in closure force and torque testing at every level from design to the production line.

Contact Mecmesin today to discuss your requirements, and for examples of similar solutions we have provided.



# Mecmesin

testing to perfection

## Mecmesin - a world leader in affordable force and torque testing solutions

Since 1977, Mecmesin has assisted thousands of companies achieve enhanced quality control in design and production. The Mecmesin brand represents excellence in accuracy, build, service, and value. In production centres and research labs worldwide, designers, engineers, operators, and quality managers endorse Mecmesin force and torque testing systems for their high performance across countless applications.

[www.mecmesin.com](http://www.mecmesin.com)



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The Mecmesin global distribution network guarantees your testing solution is rapidly delivered and efficiently serviced, wherever you are.



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