



# Wine Industry

## Closure Torque Testing - Mecmesin ORBIS

The Mecmesin Orbis delivers a simple, affordable solution to closure torque testing in the wine industry.

The versatile mounting table can be adjusted quickly and easily to grip the base of any bottle with the diameter from 10-190mm. This rugged, lightweight and portable tester is ideally suited to the wine industry production environment



gripping the base of any bottle, presenting it for application of torque by hand. The full bridge strain gauge torque sensor coupled with high speed electronics ensure accurate measurement results of capping and closure torque. In a beverage filling plant, in-line checks ensure that the capping heads on bottling machinery apply sufficient torque to achieve an hermetic seal in the lid, but not too much as to damage the closure.

### Key Features

- Easy to use
- Portable
- Clear, Intuitive Controls
- Large LCD display with backlight
- Bottle sizes 10-190mm
- 6N.m (50 lbf.in) Capacity
- Lockable to N.m or lbf.in
- Data output
- IP54 splash proof rating

## Compact, Portable Force Measurement

The compact force gauge is perfect for measuring spring force on the rollers in the capping head. Cap suppliers give recommendations about how their caps should be applied in order to avoid poor threading, or damaged caps.



If the side rollers do not apply enough pressure, the thread may not be formed correctly, resulting in caps that will not unscrew. Additionally, if the sleeve indent is not deep enough, the bridges will not break when the cap unscrews, rendering the tamper evident seal useless.

If the side rollers apply too much pressure, the aluminium may be damaged in the process of forming the thread. This may result in bottles that do not remain properly sealed.

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## HP TehloTest 4000

SI Instruments has continued its innovation in the wine industry with the all new TehloTest 4000 - the all-in-one edition of the long proven Head Load Tester used in wineries throughout Australia. Measuring the head load of capping machinery is now even easier! The TehloTest 4000 can be sent around the carousel, ideal for use in the production line.

### Key Features

- Easy to use
- Capacity 4000N
- Graphing Available
- All in one unit
- Compact



The TehloTest 4000 is robust and easy to use, with clear intuitive controls. A fully adjustable stainless steel BVS head with fine adjustment and locking screw allows for common wine bottle sizes, while still accommodating individual caps or unusual bottles. The included spacer allows for taller bottles, while additional spacers can be added if necessary.

The TehloTest 4000 has on-board graphing memory and is supplied with the necessary software to display the graph on the PC.

## Cap Draw Height-Redraw

Cap suppliers specify the draw height of the caps they supply. In order to meet the given specifications the cap draw height must be measured. It is difficult to measure the cap draw height with a vernier, often producing different measurements and consequently, different results.

In cooperation with a leading cap supplier in Australia the digital Redraw was developed.

Simply push the foot of the gauge on the cap and the indicator shows the draw depth.

This ensures the cap draw height can be measured correctly, quickly, and easily.



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