

Wine Industry



HEAD LOAD TESTER

TehloTest—wireless head load testing

SI Instruments has continued its innovation in the wine industry with the all new TehloTest—the wireless 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 can be wirelessly operated from a distance of up to 30 metres. Ideal for use in the production line, the TehloTest consists of two parts: the imitation bottle, containing the load cell, and the user interface,

Key features

- ✓ Easy to use
- ✓ Wireless communication
- ✓ LCD display with backlight
- ✓ Highly accurate measurement
- ✓ Interchangeable units: N, kg, lbs
- ✓ Operates on batteries/AC power
- ✓ Only 1.6 kg
- ✓ Strong durable & robust
- ✓ Fast response rate
- ✓ Fully adjustable
- ✓ Production line friendly

containing the control module. The possibilities extend further with EasyPlot graphing software, making it possible to obtain a full graph of the capping force on a computer screen.

Highly accurate measurement with a fast response rate in a strong, durable, robust housing, the TehloTest is

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.

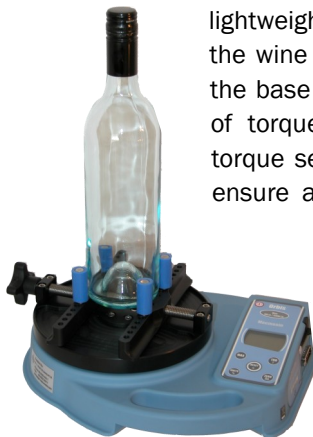


CLOSURE TORQUE TESTING

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 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

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Wine Industry

CAP DRAW HEIGHT

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.

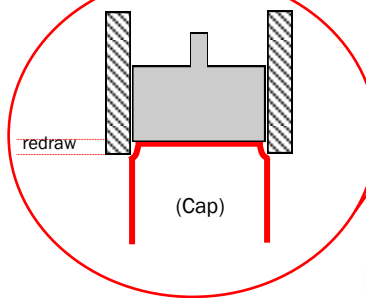
In cooperation with a leading cap supplier in Australia the digital Redraw was developed.

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.

Key features

- ✓ Portable
- ✓ Easy to use
- ✓ Instant readings given
- ✓ High Accuracy
- ✓ Easy to read LCD screen
- ✓ Consistent measurements



Compact, Portable Force Measurement

Industrial companies throughout the world have come to rely on the Mecmesin top quality range of instruments to assist in force and torque measurement applications.

The Compact Force Gauge is the smallest, most compact digital force gauge manufactured by Mecmesin. It is ideal for measuring forces by hand in confined spaces. The 200N Mecmesin Compact Force Gauge is perfect for measuring spring force on the rollers in the capping head.

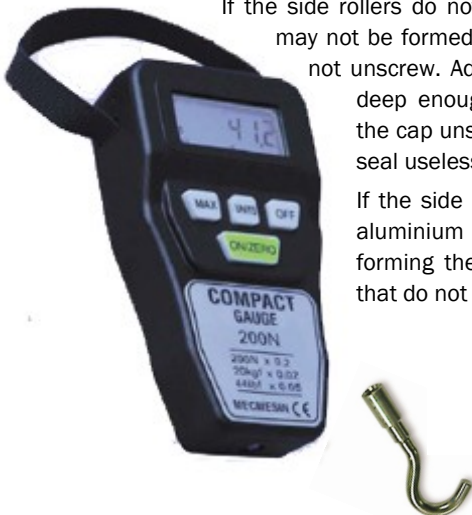
Cap suppliers give recommendations about how their caps should be applied in order to avoid poor threading, or damaged caps.

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.

Key features

- ✓ Portable
- ✓ Easy to use
- ✓ High Accuracy
- ✓ Clear, Intuitive Controls
- ✓ Fits confined spaces
- ✓ Fixes tamper evident seals
- ✓ Also available in 50 & 500N capacities



COMPACT FORCE GAUGE

Call (08)8352 5511 now for pricing and availability.