SENCON
SENSING • TESTING • GAUGING

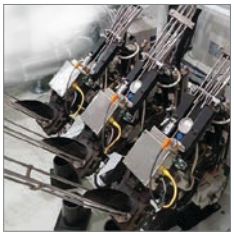
MLT™ 2.0

Micro-Leak Tester for Easy Open Ends

On- or off-line sample tester for detecting micro leaks in converted ends

We have taken the widely used Micro Leak Tester and supercharged its performance. MLT™ 2.0 is the next generation on/off-line micro leak detector for beverage and food ends, offering improved detection sensitivity and user operation while maintaining low false rejects, ease of maintenance, low cost of ownership, and high tester up-time.





- **High sensitivity, class leading performance**
- **Low false rejects**
- **High sampling rate**
- **Low maintenance, low running costs**
- **Intelligent sampling for complete protection**
- **Flexible installation and modular expansion**
- **Easy operator training, similar to ELTP™**

Ordering Information

CODE	DESCRIPTION	HEADS	DOWN STACKER	UP STACKER	BLOW OFF	CONTROLLER
MLT2OFF	MLT™ Micro Leak Tester 2.0: Off-line standalone	1 to 3	Yes	Yes	No	Integrated HMI on swivel arm
MLT2OFFH	MLT™ Micro Leak Tester 2.0: Off-line hybrid	1 to 4	Yes	Yes	No	Separate cabinet — HMI on door
MLT2ON	MLT™ Micro Leak Tester 2.0: On-line sampling	1 to 4	No	Optional	Yes	Separate cabinet — HMI on door
MLT UPGRADE*	MLT™ Micro Leak Tester 2.0 upgrades available					

*MLT upgrades are available for existing systems, offering a cost effective step-up in performance capability. MLT's new HMI with its touchscreen user interface can also be retrofitted to existing systems. Contact Sencon for an initial system review.

OPERATOR FRIENDLY

A user friendly, yet powerful, touchscreen HMI makes interacting, customizing and controlling Sencon's MLT™, quick and simple.

Fault diagnostics, and system status are displayed in real-time on the screen. The industry 4.0 capable system can also feed data directly into your plant's SPC software using E/IP or ModBus.



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TECHNICAL SPECIFICATIONS

End Sizes:	Food and beverage ends from 113 to 502 (46mm to 127mm). Change parts required.
Controller:	Touchscreen HMI
Test Cycle Rate:	17 ends per minute (up to 15 ends per minute in "Walk the belt" mode)
Leak Detection:	MLT discriminates leakage in 0.001cc increments with a dynamic detection threshold which has the potential to be as low as 0.010cc/sec on 200 - 204 (51 - 54mm) beverage lids using 6 Sigma threshold. Performance is dependent to a degree on the environment and seal clean

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MLT 2.0 MICRO LEAK TESTER

MLT™ 2.0 is our second generation on- or off-line micro leak detector for beverage and food ends. It has been specially developed to improve user operation, ease of maintenance, low cost of ownership and maximum up-time. The all-new touch screen HMI gives users instant information about the system performance, production data and diagnostic support.

MLT's air pressure test offers the most practical and economic solution for detecting micro-leaks in metal ends, achieving the best balance between sampling speed, sensitivity and running costs. The system's leak rate detection capability is carefully chosen to ensure a non-destructive test that does not require a wet seal or test pressures that damage the product. Detection thresholds are set dynamically to maintain extremely low false reject rates together with detection rates as low as 0.01cc/10sec

HIGH SENSITIVITY: Improved test chamber design creates the optimum seal around the end under test. This means that, MLT™ 2.0 is able to achieve detection rates as low as 0.01cc/sec, which is twice as sensitive as previous versions.

LOW FALSE REJECTS: False rejects waste time through unnecessary investigation. Sencon's MLT™ 2.0 micro leak detector works by default at realistic detection thresholds, while the intelligent software actively monitors background noise and dynamically adjusts the threshold to operate at maximum sensitivity while ensuring up to 6-Sigma false reject performance.

HIGH SAMPLING RATE: The online MLT™ can test 2% of production output with a press speed of 850 ends per minute per lane.

LOW MAINTENANCE, LOW RUNNING COSTS: MLT™ only needs regular wiping of the test chamber seals to run reliably.

INTELLIGENT SAMPLING FOR COMPLETE PROTECTION: Sampling at fixed intervals can result in ends being tested from only one group of belt pockets. To avoid this the on-line MLT™ has an option called 'walk the belt'. This varies the sampling rate to ensure that lids from every belt pocket are sampled. In this mode the average sample rate is 15 lids per minute, but protection against faulty product is greater.

FLEXIBLE INSTALLATION AND MODULAR EXPANSION: MLT™ is a modular system, enabling budgeted purchases and fully compatible system expansion. From 1 to 4 heads can be installed to suit different press configurations.

AIR OR HELIUM:

Despite being the second most abundant element in the universe, helium is surprisingly scarce on Earth. With prices rising and supply under pressure, it's worth reconsidering whether helium is the right choice for micro-leak testing. Explore the pros and cons of air versus helium at sencon.com.

WORLDWIDE SUPPORT YOU CAN TRUST

We are committed to providing the best customer support worldwide with service engineers based in North and South America, Europe and Asia backed up with technical support from experienced industry specialists based at three technical support centers – you can trust Sencon.

Technical support is easily accessible through our 'Quick Assist' QR codes which offer support via WhatsApp*, email, web chat and telephone. Additionally, our online knowledge base provides support resources for all Sencon products.

***only available in Europe, Asia, Africa and Oceania**



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