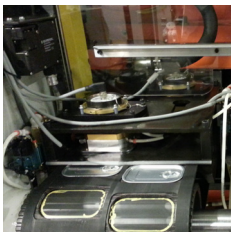
SENCON
SENSING • TESTING • GAUGING

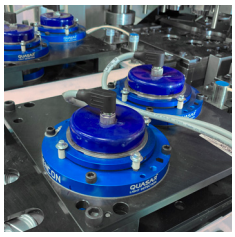
Quasar™ II

Light Leak Tester for Easy Open Ends

The worldwide market leader for on-press light leak testing in beverage and food end applications

Sencon's Quasar™ II is the most advanced iteration of our End Light Leak Tester. The system is comprehensively equipped with the latest electronic and mechanical advances, doubling detection sensitivity to a verifiable 1 micron while maintaining false rejects better than 6 Sigma.







- **100% Light testing for leaks on easy open ends on the conversion press**
- **Trusted for 25 years across the industry**
- **Reduce spoilage, HFI (Hold-For-Inspection), and rejects**
- **Rapid detection of production issues**
- **Increase customer satisfaction**
- **Verifiable 1 micron sensitivity with false rejects less than 3 in a million**
- **Intuitive touch screen interface, Industry 4.0 ready**

Ordering Information

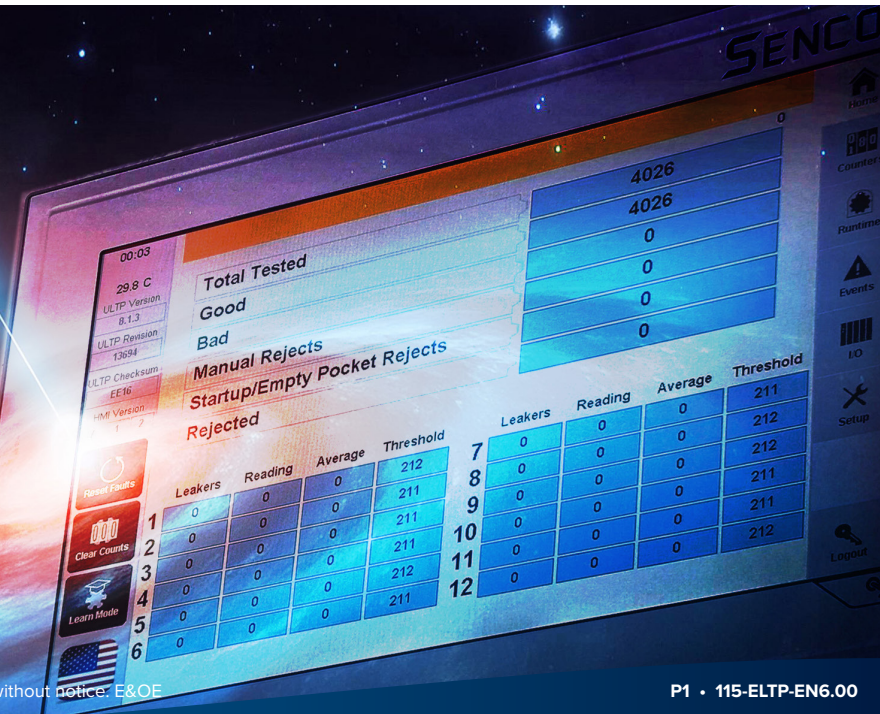
CODE	DESCRIPTION	CAN SIZE	HEIGHT
ELTP	Quasar™ II ELTP™ - Light Tester for ends		
UPGRADE	Upgrades for existing ELTP™ Light Testers are available to bring system specifications up to Quasar™ II levels – To find out what upgrades are available for your current system simply request a free system audit at sencon.com		

PLEASE NOTE: Quasar™ II detector heads, light sources and controllers are designed for simple drop-in replacement. However, due to over 25 years of continuous product innovation some older systems may require additional work. Contact your regional Sencon office for advice and a detailed review of your current installation.

OPERATOR FRIENDLY

A user friendly, yet powerful, industry 4.0 capable, touchscreen HMI makes interacting, customizing and controlling Sencon's Quasar™ II ELTP™, quick and simple.

Show live data such as bad end counts, fault diagnostics, and system status directly on the HMI display or transmit data straight to your plant's SPC system using E/IP or ModBus..



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TECHNICAL SPECIFICATIONS

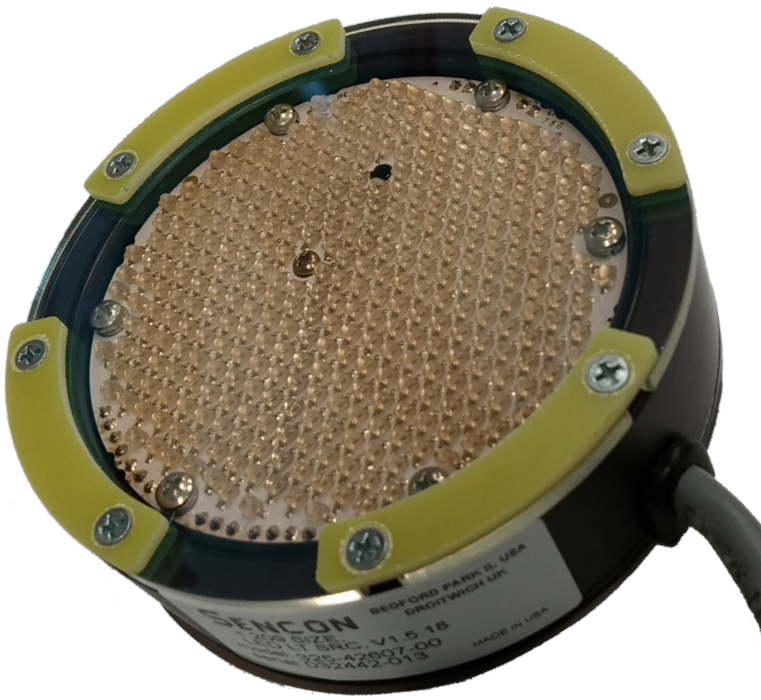
CAPABILITIES	
Applications	**Quasar™ II ELTP™ Light Testers are suitable for detecting leaks in: Beverage ends and a wide range of food ends.**
Current machines supported	Belvac, CMB, SLAC, Stolle
Maximum speed	**Maximum test rate:**
Detector heads	**Drop-in replacement for older Sencon ELTP™ and competitor heads**
Light source options	**Three LED illuminator banks with 3, 4, or 5 arrays** **Drop in replacement for older LED light sources**

SYSTEM	
Operator interface (HMI)	A touch screen interface can be used to interact with the system. The interface provides the operator live data, ability to change system settings, and display messages used for diagnostics and troubleshooting.
Control enclosure	**Network Data:** System counts, status and settings can be retrieved and set remotely using the Ethernet data port. System supports E/IP and Modbus for system data and non time critical IO

UPGRADE OPTIONS	
LED upgrades	Quasar™ II detector heads, light sources and controllers are a drop-in . With 25 years of product iteration some older systems may require more work. Contact Sencon for a detailed review of your current installation. replacement. **To find out what potential upgrade paths are available to you, simply request a free 'system audit'.**

7 TIMES MORE LED'S THAN OTHER SYSTEMS

Our latest lighting arrays contain 7x more LEDs in the lighting array than other systems, providing uniform illumination and removing the possibility of 'dark spots'. An integrated sensor informs when lighting and detector heads require cleaning.



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QUASAR™ ULTP™ CAN LIGHT TESTER

QUASAR™ II: Quasar heads are twice as sensitive as the previous detectors and 20 times better than the original ELTP light testers. With new internal processor electronics, improved vibration suppression, latest generation high performance sensors and new detector optics.

HIGH SENSITIVITY: The latest Quasar™ II ELTP™ system detects 1-micron test holes in end panels. Real production leakers due to tears or pinholes in the panel, score, or chuck wall, as well as split rivets, are detected with a higher success rate than competitor systems. Clipped curl and compound blob defects are also detected if they are large enough to affect the light seal around the end. The system even detects some indirect light paths.

BEVERAGE AND FOOD ENDS: ELTP has been successfully installed on many types of beverage end conversion press worldwide and also on a variety of presses for food ends (contact Sencon for details). Dedicated systems have also been made for other sizes and non-round shapes according to customer specifications.

FLASH CONTROL™ SYSTEM: Sencon's Flash Control™ is an ultra-high speed, closed loop feedback between the detector and the illuminator. If a damaged end floods the system with light, Flash Control™ immediately switches off the illuminator to prevent the detector from being blinded. This removes the delay for the detector to recover before inspecting the next end.

30 YEARS EXPERIENCE: Sencon has been the leader in pioneering, developing, and supporting online leak testing for more than 30 years. We have the largest install base and our reputation in the industry has led many packaging customers to choose us as their preferred provider for leak testing systems.

COMMONALITY OF SPARE PARTS: Maintaining commonality of spares amongst our light testers saves spares holding and helps with engineer familiarity.

SPECIFY SENCON QUASAR™: OEM manufacturers may fit one of several different light detectors to conversion presses they supply to you. However, light testers are not all the same. Back to back tests with alternative systems have consistently shown that Sencon detectors are much more sensitive to leak detection, with fewer false positives in actual product. So, to ensure that you continue to get the best performance, it is important that you actively specify Sencon Quasar™ light testers to be fitted to your systems.

COMMITMENT TO THE INDUSTRY: Through continual development we have kept canmakers at the forefront of detection capability, delivering improved features and performance. Upgrade paths and future proofing is delivered as much as possible and existing systems are supported far beyond what most suppliers deliver.

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.

Support is available via online chat, email and telephone with support resources for all Sencon products available through our online knowledge base.



Industry specialists since 1976

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