

End Light Tester with **QUASAR™** ELTP LIGHT DETECTION



Sencon's most advanced iteration of the End Light Tester includes Quasar™ Light Detection technology. 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.

QUASAR DETECTOR HEADS - Quasar heads are twice as sensitive as the outgoing detectors and 20 times better than original light testers. With new internal processor electronics, improved vibration suppression, latest generation high performance sensors and new detector optics.

HIGH SENSITIVITY—The latest ELTP detects 1-micron test holes in end panels (see below). 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.

UPGRADE OPTIONS— Quasar detector heads, light sources and controllers are a simple drop-in fit. With 25 years of product iteration some older systems may require more work. Contact Sencon for a detailed review of your current installation.

The 1-micron capability of Quasar Light Detectors is warranted under laboratory conditions during manufacture, using an externally verified laser drilled hole directly through aluminum 202 shells. Actual performance may vary depending on environmental factors and the size of ends under test.

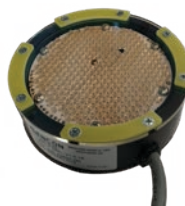
Production defects in converted ends can be complex fractures through formed metal. As such defects are closed with no clear light path, Sencon does not warrant the system's 1-micron capability in these circumstances.

100% TESTING OF EASY OPEN ENDS ON THE CONVERSION PRESS

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

BENEFITS

- Trusted for 25 years to reduce spoilage, Hold-For-Inspection and rejects
- Rapid detection of production issues, increasing customer satisfaction
- Increased sensitivity without increasing false rejects.



QUASAR LIGHT SOURCES ARE 25% BRIGHTER

Latest generation LEDs and new driver control processor deliver 25% more illumination and improved diagnostics.

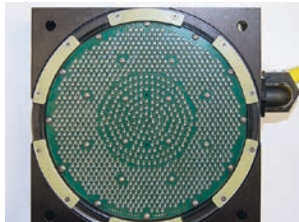
TOUCH SCREEN INTERFACE
10 inch touch screen delivers a wide range of information and diagnostic support.



QUASAR CONTROL MODULE

OEM installations can now benefit from the integration of the Quasar controller in the press electrical cabinet.

LARGE AND NON-ROUND ENDS



603 / 153mm light source



Custom system for ham lids

Systems for non-round and outside ends are made to customer specifications. Mechanical installation packages are available for most conversion presses. Contact Sencon for details

FEATURES

Test Capability	1-micron laser drilled test holes in end panels (<i>Real-world detection depends on production variables</i>)
Operating Speed	up to 1000 strokes/min (<i>Contact Sencon for detailed specification</i>)
Round End Size	112 to 603 / 44.5 mm to 153 mm using belt pocket transfer
Other sizes and non-round shapes	Contact Sencon to talk about other sizes and non-round shapes

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Product details may change due to continual development. Please consult Sencon directly for the latest specifications.

