

# Fact Sheet

## SealSecure L

**BIZERBA**

*Seal inspection by vision: contamination and quality as key criteria for seal integrity.  
SealSecure checks 100% of packages.  
Defective seals are detected and can be rejected.*

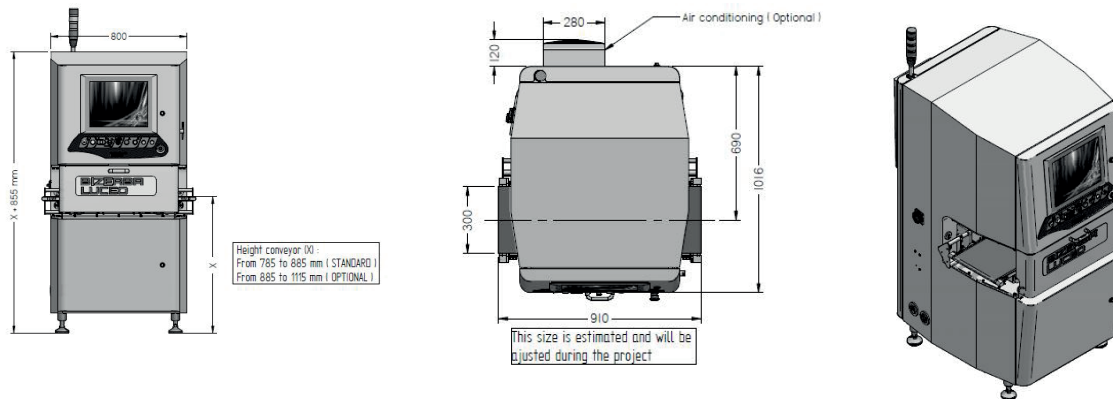


**More informationen**  
High performance  
with a wide range of  
solutions and options.

| Specifications              | Facts   | Details  |
|-----------------------------|---|--|
| <b>Functions</b>            | <p>Detects</p> <ul style="list-style-type: none"> <li>– Contaminations/foreign bodies in the seal on trays, flow packs and cups</li> <li>– Poor seal quality</li> </ul>   | <p>Contaminations/foreign bodies from 1 mm<sup>2</sup></p> <p>Air bubbles, wrinkles in the top film</p>  |
| <b>Integration</b>          | <p>All these functions are efficiently fulfilled by one compact machine for an easy end-of-line integration.</p> <p>Before case packing, the stand-alone inspection machine detects defective packs and is able to reject them.</p> |  |
| <b>Versions</b>             | <p>basic</p> <p>pro</p>   | <p>Detects contaminated seal</p> <p>Detects contaminated and poor-quality seal</p>   |
| <b>Sensor</b>               | <p>One or two sensor(s) used to check the seal for foreign body and/or the seal quality</p> <p>Line scan camera</p> <p>Protected against ambient light and manipulations</p>  | <p>Sensor consists of camera, lighting, and accessories. The image capture field adjusts to the size of the products to be inspected. Life of LED lighting is more than 5 years.</p> <p>The pixel size (0.10 to 0.16 mm<sup>2</sup>) allows detection as from one square millimeter.</p> <p>No external influences on the inspection results</p> |
| <b>Dimensions</b>           | 910-1,380 mm x 1,016 mm x 1,645-1,965 mm (L x W x H)  | <p>Device dimensions without rejection unit</p> <p>Width is 1,136 mm with cooling device</p>   |
| <b>Housing</b>              | Design according to hygiene requirements  | <ul style="list-style-type: none"> <li>– EHEDG certified components</li> <li>– Inclined surfaces for drainage of washing water</li> <li>– No glass splinters according to the HACCP directive</li> </ul>   |
| <b>Protection type</b>      | IP65  | All optical inspection components are integrated into a tightly sealed stainless steel housing   |
| <b>Max. conveying speed</b> | 60 m/min.   |  |
| <b>Processing system</b>    | Industrial PC   | <ul style="list-style-type: none"> <li>– Operating system: Windows Embedded Standard 7</li> <li>– Processor Intel® Core™ i7</li> <li>– Real time image processing card</li> </ul>  |
| <b>Interfaces</b>           | <p>USB</p> <p>Ethernet</p>  | <p>Connection to customer network via Ethernet (TCP/IP possible)</p>   |
| <b>Power supply</b>         | 230 VAC; 50 Hz / 110 VAC, 60 Hz (incl. transformer) + single phase + ground uninterruptable power supply (UPS) system for computing and display units   | Open to other local voltage with a transformer   |
| <b>Temperature range</b>    | 1 °C to 35 °C   | With cooling device when above 15°C  |

|                                       |  |   |
|---------------------------------------|--|---|
| <b>Humidity</b>                       | Max. 85%, non-condensing   |   |
| <b>Maintenance</b>                    | Tool-free dismantling of conveyor belts in less than one minute  |   |
| <b>Warning device</b>                 | Signal lamp  | Visual alarm for detection of non-conforming packages   |
| <b>Conveying direction</b>            | From left to right<br>From right to left   |   |
| <b>By-pass mode</b>                   | Switch activated with a key  | Allows continuous production even in case of an operating system failure  |
| <b>Options</b>                        | <b>Facts</b>   | <b>Details</b>  |
| <b>Checks</b>                         | Product presence check inside the packaging<br><br>Appearance and arrangement of the products in the packaging | Other inspections based on feasibility upon request   |
| <b>Production control</b>             | Communication interface to the process   | Data transfer within the factory concerning:<br>– System performance (monitoring of the device cycle, process data etc.)<br>– Production monitoring (history of batch changes, test statistics, archiving of batch changes) |
| <b>Rejection unit</b>                 | Mechanical pusher  |   |
| <b>Protection type</b>                | IP66 upgrade   | – Buttons<br>– Emergency stop switch<br>– Display   |
| <b>US-Special current transformer</b> | 115 V AC   |   |

## Dimensions



**Bizerba SE & Co. KG**  
Wilhelm-Kraut-Straße 65  
72336 Balingen  
Germany

T +49 7433 12-0  
F +49 7433 12-2696  
marketing@bizerba.com

[www.bizerba.com](http://www.bizerba.com)