

# Fact Sheet

## LabelSecure

**BIZERBA**

*Visual label inspection: LabelSecure offers you a unique inspection performance for different products. The Vision inspection system checks labels for complete and correct information and intactness. As needed, LabelSecure is available for 100% control or for sampling.*



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

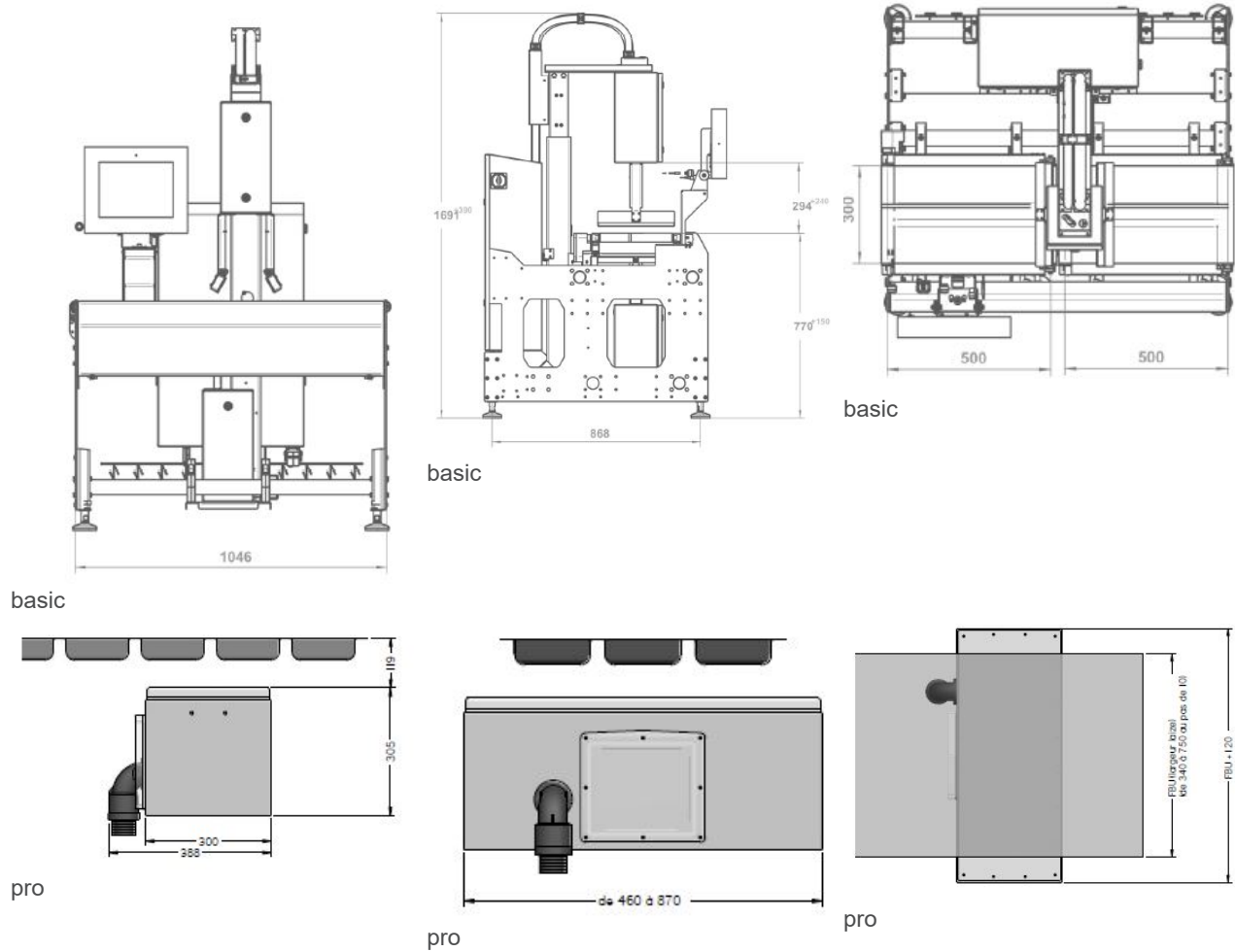
Specifications	Facts	Details
<b>Functions</b>	<p>Checking of presence, position and orientation of labels</p> <p>Reads information such as characters and codes on any side of the package</p> <ul style="list-style-type: none"> <li>– top</li> <li>– bottom</li> <li>– side</li> </ul> <p>Checks matching of labels</p>	<p>Independent of printing technology (ink-jet, thermal transfer, laser)</p> <p>Checks lateral label: presence and reading of label number</p>
<b>Integration</b>	All parameters are checked by sensors (integrated in the labeler, in the thermoformer or somewhere else in the process)	
<b>Versions</b>	<p>basic</p> <p>pro</p>	<p>Label check integrated in a GLM-Ilevo</p> <p>Compatible with all common thermoformers</p>
<b>Camera system</b>	<p>One to two sensors</p> <p>Protected against ambient light and manipulations</p>	<p>Sensor consists of camera, lighting, and accessories.</p> <p>The quantity depends on the number of sides to be checked.</p> <p>pro: The image recording field adjusts to the size of the products to be inspected. Life of LED lighting is more than 5 years.</p> <p>pro: No external influences on the inspection results</p>
<b>Dimensions (L x W x H)</b>	<p>GLM-Ilevo has a length between 740 and 1,500 mm</p> <p>460 - 870 mm x 388 mm x 310 mm</p> <p>Control cabinet on castors: 650 mm (850 mm with cooling device) x 780 mm x 1,800 mm (2,130 mm with signal lamp)</p>	<p>basic</p> <p>pro: The length of the sensor housing depends on the film width (340 to 750 mm). Other lengths on request.</p> <p>pro: Color touch screen, processing system, operating elements for the lighting, power supplies, input/output terminal blocks and connector housing</p>
<b>Housing</b>	Design according to hygiene requirements	<p>pro:</p> <ul style="list-style-type: none"> <li>– EHEDG certified components</li> <li>– Inclined surfaces for drainage of washing water</li> </ul>
<b>IP rating</b>	<p>IP20</p> <p>IP54</p> <p>IP65</p> <p>IP66</p>	<p>basic: Camera housing</p> <p>basic: Control cabinet</p> <p>pro: Control cabinet</p> <p>pro: Sensors, lighting</p>

<b>Max. conveying speed</b>	200 packages per minute 15 operating cycles per minute	basic pro
<b>Processing system</b>	Industrial PC	Operating system: Windows IoT Standard 10 Processor Intel® Core™ i7 Real time image processing card
<b>Interfaces</b>	USB ETHERNET	Connection to customer network via Ethernet (TCP/IP possible)
<b>Mains voltage</b>	230 VAC; 50 Hz / 110 VAC, 60 Hz (incl. transformer) + single phase + ground uninterruptible power supply (UPS) system for computing and display units	Open to other local voltage with a transformer
<b>Ambient temperature</b>	-10°C to 40°C 1 °C to 35 °C	basic pro: With cooling device as from 15 °C
<b>Humidity</b>	Max. 85%, non-condensing	
<b>Maintenance</b>	Tool-free dismantling of conveyor belts in less than one minute	pro
<b>Optical signaling device</b>	Signal lamp	Visual alarm for detection of non-conforming package
<b>By-pass mode</b>	Inspection tasks can be deactivated	
<b>Options</b>	<b>Facts</b>	<b>Details</b>
<b>Checks</b>	Checking of product presence in a package  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: – System performance (monitoring of the device cycle, process data etc.) – Production monitoring (history of batch changes, test statistics, archiving of batch changes)
<b>Rejection system</b>	via GLM-Ievo  No integrated rejection device but reporting of detected errors	basic pro: Transmits information in two ways:  – Sends the position information of the individual packages within the group via TCP/IP protocol – Sends digital signals to peripheral devices with package tracking up to the thermoformer output
<b>IP rating</b>	IP66 upgrade	pro: – Buttons – Emergency stop switch – Display
<b>Special current transformer</b>	115 V AC	USA

## Info graphics

## Symbols

## Dimensional drawings



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