

# Fact Sheet

## LabelSecure T

**BIZERBA**

*Labeling inspection by vision.*

*LabelSecure is impressive in terms of its unique inspection performance for various packages.*

*Depending on your production line, LabelSecure is available as integrated or stand-alone solution.*

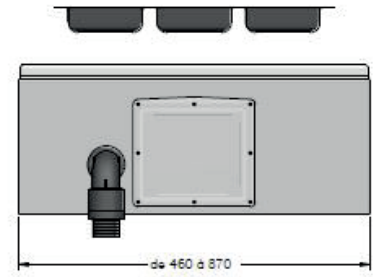
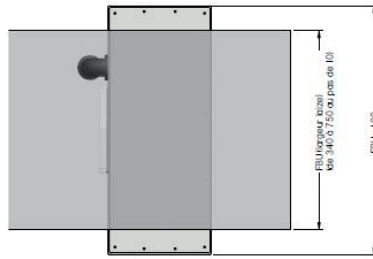
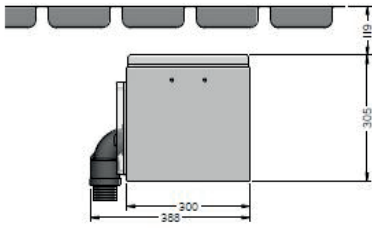


**More informationen**  
High performance  
with a wide range of  
solutions and options.

Specifications	Facts	Details
<b>Functions</b>	Checks presence, position and orientation of labels.	
	Reads information such as characters and codes on top and/or bottom side(s) of the package	Independent of marking technology (ink-jet, thermal transfer, laser)
	Checks proper matching of labels	
	Pro: no integrated rejection device but reporting of detected errors	Transfers information depending on two modes: - TCP/IP protocol: sends information converted into mapping - sends digital signals to peripherals (printing, robot, rejector...) with tray tracking till the output of the thermoformer
<b>Integration</b>	All parameters are checked by the sensors integrated in labeller, thermoformer or in any point of the process	
<b>Versions</b>	basic	Label check integrated in GLM-Ievo
	pro	compatible with all common thermoformers
<b>Sensor</b>	One or two sensor(s)	Sensor consists of camera, lighting, and accessories. Quantity depends on the number of sides to be checked.  Pro: the image capture field adjusts to the size of the products to be inspected. Life of LED lighting is more than 5 years.
	Line scan camera	
	Protection against ambient light and manipulations	pro: no external influences on the inspection results
<b>Dimensions (L x W x H)</b>	GLM-Ievo length extended by 740 mm up to 1500 mm	basic
	460-870 mm x 388 mm x 310 mm	pro: the length of the optical sensor depends on the film width (340 to 750 mm). Other widths upon request
	Control cabinet on wheels: 650 mm (850 mm with cooling device) x 780 mm x 1800 mm (2130 mm with signal lamp)	pro: color touch screen, processing system, operating elements for the lighting, power supplies, input/output terminal blocks and connector housing
	pro: sheath holding power-supply, control and communication wires between sensors, lighting and electrical cabinet	

<b>Protection type</b>	IP20 for camera housing IP54 for control cabinet	basic
	IP66 for sensors and lightings IP65 for the control cabinet	pro
<b>Device performance</b>	200 packs per minute	basic
	15 operating cycles per minute	pro
<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>	USB Ethernet	Connection to customer network via Ethernet (TCP/IP possible)
<b>Compatibility</b>	Hardware integration in a labeller or a thermoformer	Compatible with most installed thermoformers or cooperation with thermoformer manufacturer during planning
	Protocol of communication with the peripheral devices	Printing systems, external rejection systems (retraction belt, divider, robot etc.)
<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>	-10°C to 40°C	basic
	1 °C to 35 °C	pro: with cooling device when above 10°C
<b>Humidity</b>	Max. 85%, non-condensing	
<b>Warning device</b>	Signal lamp	Visual alarm for detection of non-conforming package
<b>By-pass mode</b>	Possible to disable the inspection task	
<b>Options</b>	<b>Facts</b>	<b>Details</b>
<b>Checks</b>	Detection of presence of products in the tray	pro: other inspections based on feasibility upon request
	Appearance and arrangement of the products in the packaging	
<b>Production control</b>	Communication interface to the process	Data transfer within the factory concerning: <ul style="list-style-type: none"> <li>– System performance (monitoring of the device cycle, process data etc.)</li> <li>– Production monitoring (history of batch changes, test statistics, archiving of batch changes)</li> </ul>
<b>Protection type</b>	IP66 upgrade for electrical cabinet	pro: <ul style="list-style-type: none"> <li>– Buttons</li> <li>– Emergency stop switch</li> <li>– Display</li> </ul>
<b>US-Special current transformer</b>	115 V AC	

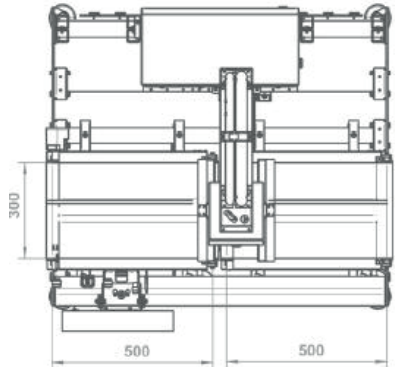
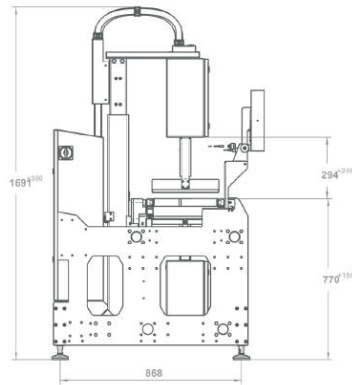
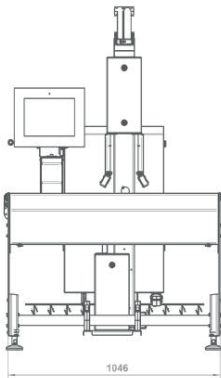
## Dimensions



LabelSecure T pro

LabelSecure T pro

LabelSecure T pro



LabelSecure T basic

LabelSecure T basic

LabelSecure T basic

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