

Fact Sheet

LabelSecure L

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.

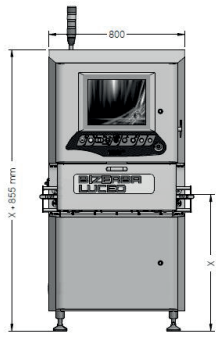


More informationen
High performance
with a wide range of
solutions and options.

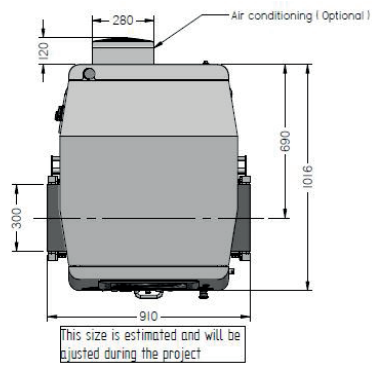
Specifications	Facts	Details
Functions	Checks presence, position, and orientation of labels.	
	Reads information such as characters and codes on any side of the package <ul style="list-style-type: none"> - top - bottom - sides 	Independent of printing technology (ink-jet, thermal transfer, laser)
	Checks lateral label: presence and reading of label number	
	Checks proper matching of labels	
Integration	All these functions are efficiently fulfilled by one compact machine for an easy end-of-line integration.	
	Before case packing, the stand-alone inspection machine detects defective packs and is able to reject them.	basic, pro
Versions	basic	Automated labeling check (top and/or bottom)
	pro	Advanced automated labeling check (any side)
Sensor	One to four 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.
	Protected against ambient light and manipulations	pro: no external influences on the inspection results
Dimensions (L x W x H)	1,278 mm x 1,200 mm x 1,800-2,200 mm	basic: the highest point of the system at maximum extension of the camera head upwards is: 2,200 mm
	910-1,380 mm x 1,016 mm x 1,645-1,965 mm	pro: device dimensions without rejection unit Width is 1,136 mm with cooling device
Housing	Design according to hygiene requirements	pro: <ul style="list-style-type: none"> - EHEDG certified components - Inclined surfaces for drainage of washing water
Protection type	IP20	basic: camera housing
	IP54	basic: control cabinet
	IP65	pro: all optical inspection components are integrated in a tightly sealed stainless steel housing
Max. conveying speed	60 m/min.	basic, pro

Processing system	Industrial PC	<ul style="list-style-type: none"> – Operating system: Windows Embedded Standard 7 – Processor Intel® Core™ i7 – Real time image processing card
Interfaces	USB	
	Ethernet	Connection to customer network via Ethernet (TCP/IP possible)
Power supply	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
Temperature range	1 °C to 35 °C	With cooling device when above 15°C
Humidity	Max. 85%, non-condensing	
Maintenance	Tool-free dismantling of conveyor belts in less than one minute	pro
Warning device	Signal lamp	Visual alarm for detection of non-conforming package
Conveying direction	From left to right From right to left	
By-pass mode	Switch activated with a key	pro: allows uninterrupted production even in case of an operating system failure
Options	Facts	Details
Checks	Product presence check inside the packaging Appearance and arrangement of the products in the packaging	Other inspections based on feasibility upon request
Production control	Communication interface to the process	Data transfer within the factory concerning: <ul style="list-style-type: none"> – System performance (monitoring of the device cycle, process data etc.) – Production monitoring (history of batch changes, test statistics, archiving of batch changes)
Rejection unit	Upon request: <ul style="list-style-type: none"> – Mechanical pusher – Air jet nozzle 	basic Compressed air supply: 6 bars
	Mechanical pusher	pro
Protection type	IP66 upgrade	pro: <ul style="list-style-type: none"> – Buttons – Emergency stop switch – Display
US-Special current transformer	115 V AC	

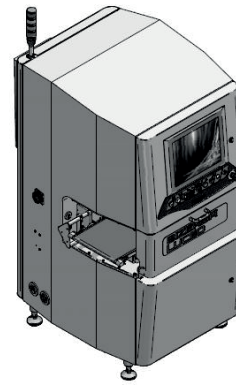
Dimensions



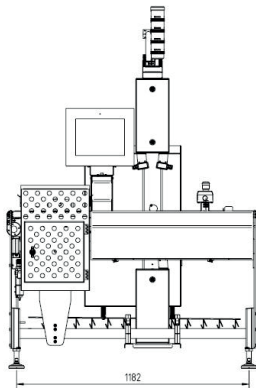
LabelSecure L pro



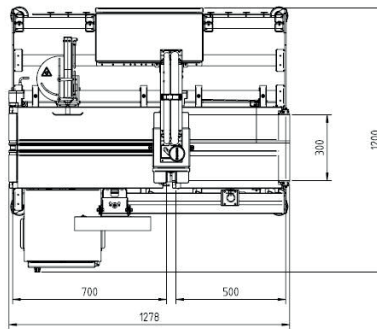
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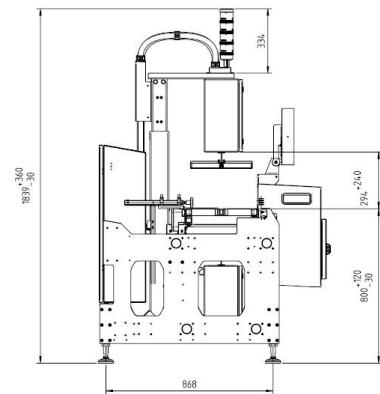
LabelSecure L pro



LabelSecure L basic



LabelSecure L basic



LabelSecure L basic

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