Fact Sheet
VARICONcompact

BIZERBA

VARICONcompact is the reliable entry level model for your quality assurance. The robust metal detector can be variably used in dry and wet environments. It ensures best test results for packaged or unpackaged piece goods. VARICONcompact safely checks for any contaminants enclosed in the product such as steel, stainless steel and non-ferrous metal, e.g. aluminum.

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

Specifications	Facts	Details
Maximum belt load	10 kg	Belt speed up to 1.0 m/s
	20 kg	Belt speed up to 0.5 m/s
Use	Examination of	Non-metallic goods
	– packaged products	
	– unpackaged products	
	– Piece goods	
Product temperature	-20 °C to +80 °C	
Ambient conditions	-10 °C to +40 °C	
	25% to 85% rF, non-condensing	
Mechanical design	– Conveyor and metal detector	– Stainless steel 1.4301 (AISI 304), glass beaded finish
	– Open frame construction	– Four height adjustable feet and fixing holes entirely made of stainless steel 1.4301 (AISI 304), glass beaded finish
	– Drive, guide and tension rollers	– Stainless steel 1.4301 (AISI 304)
	– Drum motor thermally monitored	
	– PUR conveyor belt	– In white FDA quality
	– Metal detector	– For product centering, +/-20 mm height adjustable: Exchange of mounting rails
Electrical design	Metal detector GLS	In case of metal detection conveyor stops
	– Combined control and operating unit for conveyor belt and metal detector	
Display/control unit	LCD monochrome display	GLS (GENIUS+)
Mains cable	1.8 m	3-pin CEE connector, 1L+N+PE
Operating voltage	230 V AC (±10 %)	single phase
	50 / 60 Hz	
Power consumption	Max. 1.0 A / 230 VAC	
Motor power	120 W	
Metal detector	100 W	
IP rating	IP65	NEMA 4
Belt speeds	0.5 m/s	up to 20 kg
	1.0 m/s	Up to 10 kg
Transport height	510 to 900±50 mm	With casters 650 to 1,040 ±50 mm

Options	Facts	Details
Signal combination	– 2 signal lamps and 1 horn R 2-H (stand mounting) mounted onto stand	Yellow: Error / error and metal display Blue: AuditCheck Signal horn when error is displayed

	incl. cabling and assembly aid	
	– Yellow signal lamp and horn SK-R (stand mounting) mounted onto stand incl. cabling and assembly aid	Error Error and metal display
Interfaces	RS232 RS485 Ethernet (TCP/IP) WLAN Profibus	
Lateral guiding bars	Height: 50 mm	For alignment of products
Mobile conveyor	Four lockable guide rollers	For flexible use of the system
Conveyor speeds	Variable conveyor speed	adjustable, depending on the product

Info graphics

Symbols

IP65 protection	IP66 protection	IP69 protection	Stainless steel	Hygienic design