

Data Sheet

iL Professional 50/150 SPM/SP

BIZERBA

The load receptor for perfect hygiene ... the ergonomic iL Professional 50/150 SPM/SP has been designed to meet the hygienic design requirements of EHEDG. This ensures easy cleaning as well as increased hygiene and safety. Perfect for use in the foodstuffs or pharmaceutical industry.



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

Product description

The single-point load receptor iL Professional 50/150 SPM/SP is the perfect solution for hygienically sensitive applications.

Due to its design the iL professional 50/150 SPM/SP gets less dirty than standard scales. Since everything can be hygienically and quickly cleaned with water jet, corrosion due to penetration by cleaning agents and water is a thing of the past. Thanks to its clever design cleaning agents and water can drain off via inclined surfaces and cannot accumulate or remain in or on the product. Another advantage is that hygienically sensitive components are freely accessible. The iL Professional was awarded the European Hygienic Engineering and Design Group (EHEDG) certification.

Load cells and iS10, iS20, iS30 and iS50 terminals meet the requirements of IP69. The iL Professional 50/150 SPM/SP is highly flexible thanks to different load platter dimensions and allows to switch between kg and lb at any time.



iL Professional 50SPM/SP

Highlights

- Easy to clean; load platter, load carrier and feet are made of high-quality electro-polished stainless steel that meets hygienic design requirements
- EHEDG certificate no. 27/2011
- Verifiable
- Including overload protection
- Optionally available with a stand for fastening a weighing terminal
- Bench: height 550 mm - 565 mm, stainless steel 1.4301, electro-polished



iL Professional 150SPM/SP



EHEDG-certified

Options

- Free-standing with or without stand
- Nench for dimensions 500 x 400 mm and 600 x 450 mm: height 550 mm to 565 mm, stainless steel 1.4301, electro-polished
- Load cells in Ex-ib version for Ex zones 1&21 as well as 2&22 possible
- Made of stainless steel, the industrial weighing terminals ST, iS10, iS20, iS30, and iS50 are highly suitable as display devices.
- Optionally available for all terminals: battery operation or operation with 24 V

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Fact Sheet

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Specifications	Facts	Details
Weighing ranges	from 3 kg to 150 kg	interval from 1 to 50 g
Load cell	stainless steel load cells	
Dimensions of load platter	335 x 260 mm 500 x 400 mm 600 x 450 mm	
Materials	load carrier, load platter and feet	stainless steel 1.4301, electro-polished
Overall height	Height 103 mm Height 145 mm Height 145 mm	Dimension 335 x 260 mm Dimension 500 x 400 mm Dimension 600 x 450 mm
Mounting method	free-standing	table / floor mount, with / without stand
Protection type	IP69	for load receptor and terminal
Ex version	zone 1/21 zone 2/22	load cells in Ex-ib version for Ex zones 1&21 as well as 2&22 possible
Ambient temperature	Operation: -10 °C to +40 °C Storage: -50 °C to +85 °C	

Options	Facts	Details
Stand	stand on load receptor stand on load receptor stand on load receptor	swivable terminal / swivable mount for terminals ST, iS30 and iS50 fixed terminal / mount for terminals iS10 and iS20 swivable terminal / swivable mount for terminal iS10 and iS20
Cable connection	load cell cable with connector	measuring cable with connector
Bench	height 550 mm - 565 mm stainless steel 1.4301, electro-polished feet in hygienic design	for dimensions 500 x 400 mm and 600 x 450 mm

Infographic

Weighing range	Metrologically approved interval	Dimensions	Load cell	max. Preload	Variant			
					Complete stainless steel	Galvanized steel / stainless steel	EX	
3 kg	1 g	335 x 260 mm	PW15	2 kg	X		X	
6 kg	2 g			8 kg	X		X	
15 kg	5 g			14 kg	X		X	
30 kg	10 g			14 kg	X		X	
6/15 kg multi-range scale	2/5 g			0 kg	X		X	
15/30 kg multi-range scale	5/10 g			14 kg	X		X	
15 kg	5 g	500 x 400 mm	PCB	15 kg	X		X	
30 kg	10 g			50 kg	X		X	
60 kg	20 g			70 kg	X		X	
150 kg	50 g			70 kg	X		X	
15/30 kg multi-range scale	5/10 g			600 x 450 mm	50 kg	X		X
30/60 kg multi-range scale	10/20 g				18 kg	X		X
60/150 kg multi-range scale	20/50 g		70 kg	X		X		

Symbols



Protection class IP69



Ex-Zone 1/21



Ex-Zone 2/22



Single point



DMS load cell



EHEDG



Hygienic design

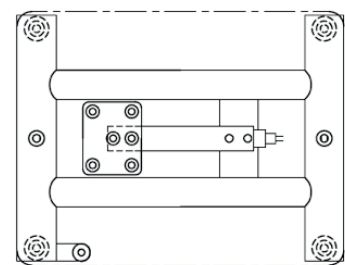
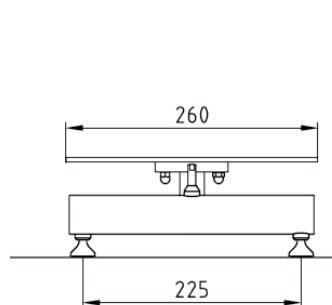
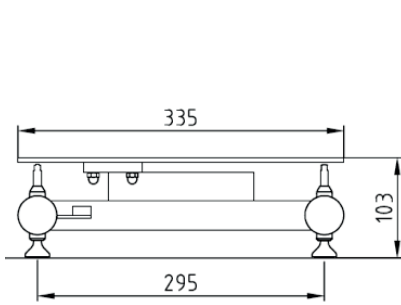


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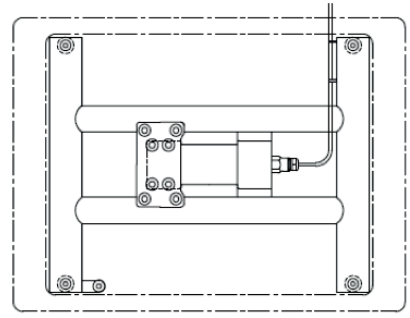
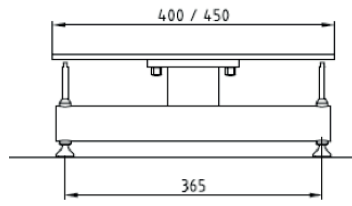
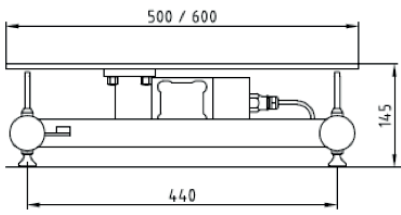


Stainless steel

Dimensions



iL Professional 50SPM/SP



iL Professional 150SPM/SP

Load plate dimensions: 500 x 400 mm,

600 x 450 mm

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