



Kontrols & Industrial Weighing



EWK 1000 PLUS

Compact checkweigher –
the economical solution

EWK 1000 PLUS

The EWK 1000 PLUS checkweigher is designed for checking the weights, nominal quantities filled and the completeness of prepackaged products.

EWK 1000 PLUS features a built-in Sartorius strain-gauge type load cell specially developed for checkweighing. Low space requirements, a transport height that can be adjusted whenever needed and a program-controlled belt speed enable the EWK 1000 PLUS to be used in many areas of production.

The systematic, hygienic design concept along with sleek, polished stainless steel surfaces as well as the self-supporting stainless steel weighing and transport system with a high clearance from the floor all make this checkweigher exceptionally easy to clean.

The quick unlocking device lets you effortlessly exchange the weigh belt in just seconds. An interface port enables weights to be transferred to applications for further processing. This capability makes it easy to integrate the EWK 1000 PLUS into statistical quality control systems, such as Sartorius ProControl for Windows® (SPCfWin).

Performance features

- Sorting into up to 5 classes
- Automatic zeroing
- Pneumatic pusher or airblast nozzle ejector
- Memory for 100 products
- Choice of dialogue languages
- Password protection
- Easy, context-sensitive operator prompting
- User-programmable joker key
- Fast belt change-out without the need for tools
- Stainless steel stand enclosure, IP65 protection
- Hygienically optimized design for simple and thorough cleaning
- Bright, high-contrast liquid-crystal display
- Program-controlled, continuously adjustable belt speed
- Maintenance-free, electronically commutated motors

Functional expansions

- Verifiable as legal for trade according to OIML-R51
- RS-232C interface port for external printer (printer not part of the standard equipment supplied)
- Thermal tape printer in stainless steel enclosure; built onto the control panel
- Trend controller for controlling filling and portioning
- Can be connected to external evaluation systems, especially Sartorius ProControl for Windows®





Technical Specifications

Weighing system

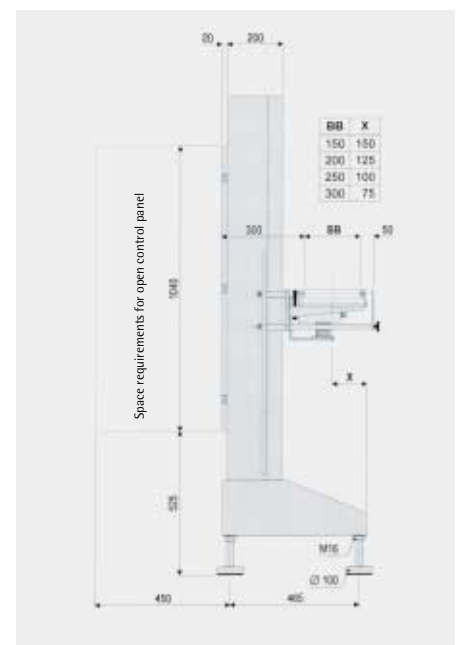
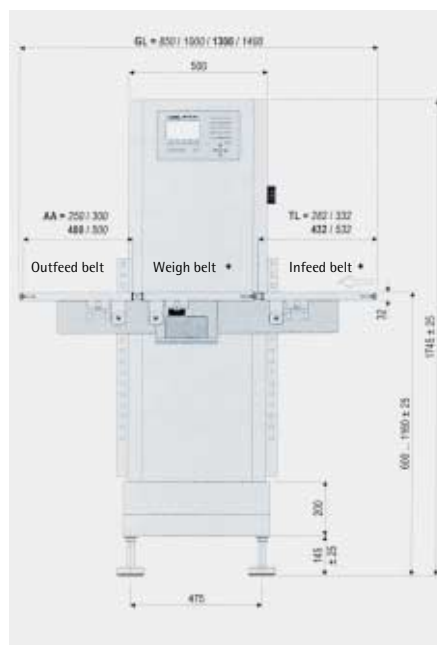
Weighing range (display range)	0 – 3,000 g	0 – 6,000 g
Scale interval displayed	≥ 0.5 g, non-verifiable	≥ 1 g, non-verifiable
Verification scale interval	1 g	2 g
Throughput	170 units max./minute	120 units max./minute
Standard deviation	≥ 0,15 g	≥ 0,3 g
Sorting device	Airblast nozzle Pusher	
Working height	600 – 1,160 mm	
Center distance	250 300 400 500 mm	
Belt width	150 200 250 300 mm	
Belt speed	0.2 – 1.0 m/sec	
Compressed air supply	6 bar	
Electrical connections	L1, N, PE, 230 V/115 V +10%/-15%	
Service connection requirement	450 VA	
Temperature range	0°C to +40°C	
Type of protection	IP54 (IP65 optional)	

Please feel free to contact one of our sales consultants for further information

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Scale drawing of the EWK 1000 PLUS checkweigher