



EWK 1500 PLUS
System
Checkweighers –
The New Standard

EWK1500 PLUS and SD Series Weighing Systems

EWK 1500 weighing terminals and a tiered series of SD (standard design) weighing systems with nominal capacities of 600 g, 1.25 kg and 6.0 kg add up to a new group of automatic checkweighers for medium-to-stringent criteria.

Industry-oriented design with fast, high-precision weigh cells, a rock-solid weigher stand and a carefully designed transport system ensure long-lasting accuracy and maximum availability.

Rugged, interference-immune industrial PC technology, a fast bus system and advanced software give you performance capacity to spare. A 10.5" color screen ensures ease of operation and excellent imaging of production parameters.

Printing and communications interfaces permit local and central documentation and tie-in to SQC (statistical quality control) systems, e.g., Sartorius ProControl.

The systems are verifiable for EU prepacked-goods checking applications in all countries of Europe. In addition, EWK 1500 PLUS systems are type-approved as automatic checkweighers according to OIML R51, class 1, certificate no.: R51/1996-NL-99.09.

Performance characteristics

- EU prepacked-goods evaluation (average weight control), verifiability
- Pneumatic pusher or airblast nozzle
- Maintenance-free three-phase a.c. drives
- Infinitely adjustable conveying speeds
- Fast belt replacement without need of tools
- Stainless steel versions
- Choice of dialogue languages
- Uncomplicated, intuitive operator prompting
- User-programmable joker key
- Automatic zeroing
- Product memory for 50 products

Functional expansions

- Reporting system with integrated thermal tape printer in stainless steel, IP 65 enclosure
- Reporting system for external printer (printer not included with standard equipment supplied)
- Interface (RS-422, RS-232C or TTY) for individual weights or SQC system connection
- Connection for five-part classifying semaphore
- Package-length and spacing monitor



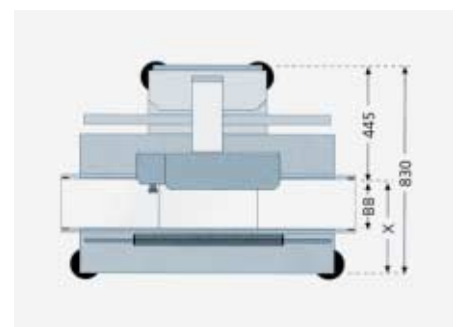
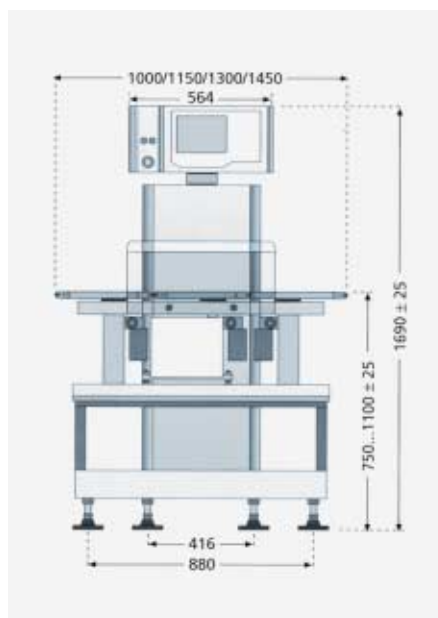


Technical Specifications

Weighing system	WS 600 g SD	ES 1.25 kg SD	WS 6.0 kg SD
Weighing range (display range)	0–600 g (720 g)	0–1,250 g (1.500 g)	0–6,000 g (7,200 g)
Unit of division*	0.1 g	0.2 g	1 g
Throughput	max. 300 pcs/min	max. 200 pcs/min	max. 180 pcs/min
Center distance	300 mm**	300/350/400 mm	350/450 mm
Belt width	150 mm**	150/200 mm	200/300 mm
Belt speed	0.2–1.8 m/s	0.26–1.3 m/s	0.26–1.3 m/s
Working height	750–1,100 mm, leg adjusting range: + 25 mm		
Compressed air supply	6 bar		
Electrical connections	L1, N, PE, 230 V/115 V + 10%, –15%, 50/60 Hz		
Service connection requirement	950 VA		
Type of protection	IP 54 enclosure		
Temperature range	–10°C to + 40°C (or as certified for legal-for-trade applications)		

* mandatory for legal-for-trade applications; higher resolution possible

** weighbelt width: 120 mm; center distance: 310 mm



Scale drawing of EWK 1500 PLUS
with WS 600 g, 1.25 kg and 6.0 kg

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