

## Checkweigher CW2



## Application

The checkweigher of the series CW2 fit for applications where a dynamic check weighing of piece goods according to existing laws and regulations is required. Items are classified in relation to the nominal value and can be separated from the product stream.

Due to the use of innovative high-class components from leading manufacturers and the complete high-grade steel construction of the checkweigher precision and long-life cycles are guaranteed. In addition the modern and open design allows for an optimal cleandown.

A problem-free adaption to specific applications is possible owing to the fact that the CW2 can be combined with several types of weigh cells.

The whole handling of the checkweigher can be done using the comfortable touchscreen control unit. A feature rich software suite guarantees product documentation according to HACCP and IFS. The necessary data can be captured using the integrated network interface.

In combination with metal detectors of the BD series it is possible to fulfill complex quality assurance tasks in a small compass.

## **Specific characteristics**

- weighing technology based on highclass components
- easy and comfortable handling and visualization
- documentation complying to valid quality assurance standards
- combination with calibration free metal detectors possible
- problem-free integration in existing production plants
- protection class IP65
- periodically performance validation
- Made in Germany



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Туре	CW2
Data	
Maximum weight	50 2000 g
Standard deviation <sup>1</sup>	0,4 g (refers to a product weight of 200 g)
Max. average error <sup>1</sup>	0,25 g (in practice: 0,3 g 0,4 g)
Max. error <sup>1</sup>	+/- 0,7 g
Calibration value <sup>1</sup>	e = 1 g
Calibrated / calibratable	customer request / yes
Max. through put <sup>1</sup>	180 piece per minute
Conveyor belt speed	60 m per minute
Handling	
Operating unit	5,7" TFT-Touchscreen, 3 Softkeys
Languages	German / English
Interfaces	
Data interface	Ethernet
Digital outputs	6 outputs, pnp-open-collector, max. 200 mA, overload- & short circuit proof
Digital inputs	2 inputs, optical isolated
Electrical data	
Supply voltage / -frequency	230 VAC / 50 60 Hz
Circuit protection	2x 4 A T
Power	200 W typical
Cos Φ	0,98
Mechanical data	
Weight / dimensions <sup>2</sup>	max. 150 kg / 1.400 x 500 x 1.420 mm
Conditions of use	
Conditions of use Protection class	IP65
Storage temperature	0° C +50° C
Operating temperature	0° C +40° C
Pressure	
Pressure	6 8 bar

<sup>1</sup> Accuracy details depend on application and product properties <sup>2</sup> Mechanical details refer to the standard device

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