



Subject to change without notice!
Rev. 1901eng

CW3

Checkweigher

Application

The checkweigher of the device series CW provide quality assurance at the highest level. The wide range of devices and the full range of optional accessories allow flexible use in all areas. The robust and maintenance-free strain gauges load cell, combined with wear-free brushless DC motors, allows continuous operation without annoying downtime or disruption. All checkweigher are also available with EC type-approval. That means the checkweigher are especially interesting for the field of food industry. Individual products can be checked in terms of their weight after prepackaged regulations and underweight packs are discharged. Also an average control of production batches is possible. This control and the optional averaging recirculation reduce Giveaway and this lead to a sustainable cost reduction.



Checkweigher CW3

Field of application / Specific characteristics

- suitable for general cargos (e.g. self-service packaging)
- weighing range 25 .. 1,500 g
- max. 300 products/minute (depending on product size, weight and conveyor speed)
- display accuracy up to 100 mg
- calibration area up to 1,0 g
- conveyor speed 20 .. 90 m/min (steplessly adjustable)
- protection class IP65
- 10" TFT-touchscreen
- integrated memory for 1,000 messages and 10,000 products
- multilevel user management
- network interface (Ethernet) for data analysis with software UNIControl
- comprehensive range of accessories / option „metal detector“ for Combichecker
- Belt width: 200 mm / weighing conveyor length: 300 .. 400 mm
- up to 2 safes for separate ejection of overweight and underweight or metal in combination with a metal detector



Checkweigher CW3

Type	CW3
Scale parameter	
Maximum weight	25 .. 1,500 g
Calibration value	e = 1 g
Max. through put	up to 300 pieces per minute
Max. conveyor belt speed	90 m per minute (calibratable max. 70 m per minute)
Calibrated / calibratable	yes / yes
Conveyor width	200 mm (others on request)
Length infeed conveyor	300 / 400 mm (others on request)
Length weighing belt	300 / 400 mm (others on request)
Accessories	
Infeed conveyor with metal detector	yes - option M-Pulse3 Combichecker (length typ. 800 mm)
Ejection belt	single / double (length 600 mm / 1,000 mm)
Software	UniControl
Handling	
Operating unit	10,4" TFT-Touchscreen
Languages	German / English (other languages on request)
Interfaces	
Data interface	Ethernet; 10/100 Mbit; RJ45 (WLAN on request)
I/O's	all digital inputs and digital outputs overload- & short circuit proof; e.g. optical isolated
RS232 / RS485	yes / yes
Electrical data	
Supply voltage / -frequency	230 VAC; 50 Hz (24 V on request)
Power	typ. 200 W
Pressure ¹	6...8 bar
Conditions of use	
Protection class	IP65
Storage temperature	-10° C .. +50° C
Operating temperature	5° C .. +40° C

¹ Accuracy specifications are dependent on application and product properties