

EC-M

Technical data

OCS Checkweighers GmbH
Adam-Hoffmann-Straße 26
67657 Kaiserslautern
Germany
www.ocs-cw.com
info.ww@ocs-cw.com



08401102 CDCK 20

All rights reserved.

A Wipotec Brand



The Type EC-M checkweigher is the ideal solution for demanding checkweighing i.e. control tasks. High weighing accuracies combined with medium and high belt speeds and flow-rates due to state-of-the-art weighing technology.

Even the basic version of the EC-M covers a very wide and varied range of applications.

A variety of options allows you to have the configuration tailored individually to your production and increases the unit's versatility still further.

Weighing principle	The precision weighing cell works on the principle of Magnetic Force Restoration; automatic measuring time recording
---------------------------	--

Conveyor technology	Lightweight conveyor design (V2A/anodised aluminium), changing without tools and adjustment of the conveyors and belts; stepless adjustment of the conveyor speed
----------------------------	---

Frame	Stainless steel base frame in a solid tubular frame design, cross-braces made of solid material to increase the integration weight
--------------	--

Display and operation	5.7 inch graphic monitor (LCD) with touch screen, monochrome
------------------------------	--

Available dialog languages	4 (German, English, French as standard and also one other freely selectable from: Croat, Dutch, Danish, Italian, Portuguese, Polish, Russian or Spanish, other languages on request)
-----------------------------------	--

Product parameter memory	50 PLU standard; can be optionally extended to 80 PLU's
---------------------------------	---

Possible number of connected motors	4 (infeed conveyor, precision weighing conveyor, outfeed conveyor, 1 additional motor)
--	--

Emergency operation	Integrated emergency operation function with hardware switch and message on screen
----------------------------	--

Rejection	1 air nozzle or pusher included in the basic machine, fully-developed and wide range of sorting units such as folding belts, sorting gates etc., optional
------------------	---

Interface	Optionally: RS 232c, RS 422, RS 485, TTY (current loop)
------------------	---

The accompanying brochure EC-M gives an overview of all available options.

EC-M

Basic machine

OCS Checkweighers GmbH
Adam-Hoffmann-Straße 26
67657 Kaiserslautern
Germany
www.ocs-cw.com
info.ww@ocs-cw.com



EC-M-	GWR (gross weighing range)	max. DL (max. deadload)	e ≥ (min. calibration value)	n (graduation steps)
2000-2	750 g	4000 g	0.1 g	7500
2000-1	1500 g	4000 g	0.2 g	7500
3000-3	1500 g	8500 g	0.2 g	7500
3000-2	3750 g	8500 g	0.5 g	7500
3000-1	7500 g	8500 g	1.0 g	7500
4000-2	7500 g	15000 g	1.0 g	7500

Maximum performance¹⁾	230 units per min.
Temperature range	+5° C to +40° C
Certified	10.49/96.01 (Germany) OIML Certificate no. R51/1996-DE-97.02
Electrical connection Nominal voltage Nominal frequency Connected load	L1/N/PE 230 V/115 V 50/60 Hz Approx. 0,8 kVA
Compressed air supply	6 bar approx. 10 NI/min Quality class 1/4/1 in acc. with DIN ISO 8573-1
Weight Intrinsic weight Dispatch weight	Approx. 90 kg (standard machine) Approx. 150 kg
Protection type²⁾	General protection type IP 65 (only sprayed water from above, for IP 65 full protection, see WP or NH version)
Standard deviation (1s)¹⁾	From 100 mg

¹⁾ Depending on the product shape, product behaviour, transport speed and ambient conditions.

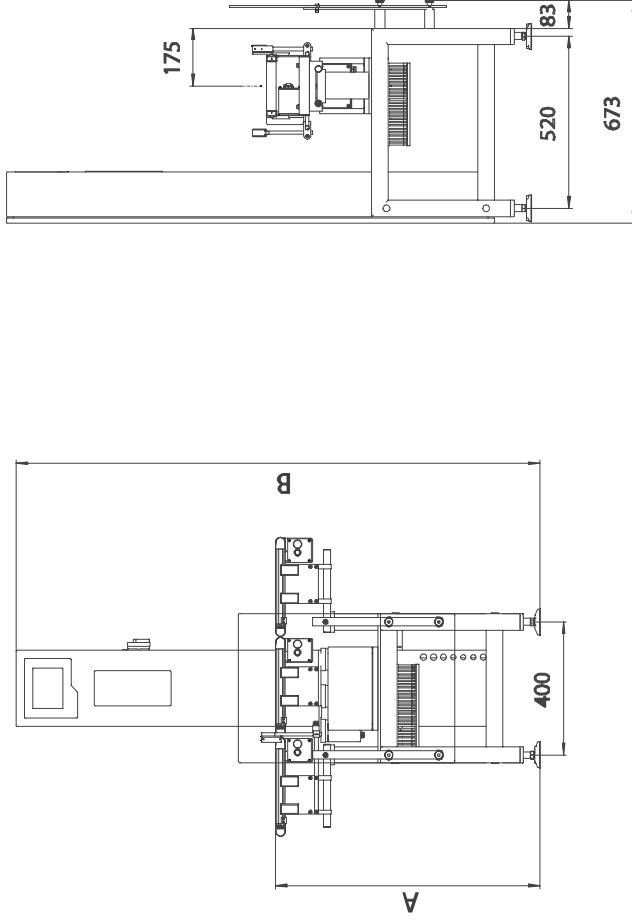
²⁾ We recommend an application-related test of the required protection type.

EC-M

Basic machine



CHECKWEIGHERS



Dimensions:

Valid for all EC-M checkweighers	
A = Working height	700-850 / 800-950 / 900-1050
B = Total height	approx. 1580 (+ 150 mm when using the max. foot height)
C = Conveyor width Roller diameter NT 30 Roller diameter NT 17	120 / 150 / 200 / 300 / 400 80 / 120 / 150
D = Infeed/outfeed conveyor	200 / 300 / 400 / 500
E = Weighing conveyor	200 / 250 / 300 / 400 / 500
F = Outfeed/infeed conveyor	200 / 300 / 400 / 500
G = Total length	D + E + F + approx. 15 mm

Weight value:

Valid for NT-30 weighing conveyors						
Width	Length	200	250	300	400	500
120		2.550 g	2.700 g	2.900 g	3.300 g	3.700 g
150		2.700 g	2.900 g	3.100 g	3.500 g	3.900 g
200		3.150 ³⁾ g	3.350 g	3.550 g	4.100 g	4.350 g
300		- ³⁾	4.550 ³⁾ g	4.750 ³⁾ g	5.300 g	5.550 g

³⁾ = optional as strap conveyor

All measurements in mm. The stated weights are approximate values. These measurements are guideline values for the standard machine without application-specific and weighing-specific attachment parts (e.g. product bins etc.)

