



## The WZ-CW series



### OEM weigh cells

WZ224-CW

#### Outstanding features:

The weigh cell consists of two main components:

- A monolithic weigh system, based on force compensation technology
- the respective PCB

These components should be integrated in a housing that complies with the local legal recommendations

- Monolithic weighing system with a resolution of 0.1 mg
- An adjustable load receptor allows mounting of mechanical user-designed devices on top
- This load receptor includes overload protection
- Internal calibration weight for easy checks in automated environments
- Possibility for under floor weighing
- Fast warm-up by separation of weighing system and electronics
- RS232C interface for configuration, data transfer and internal calibration
- Optional PC-software or display to handle weighing data, configuration and internal calibration

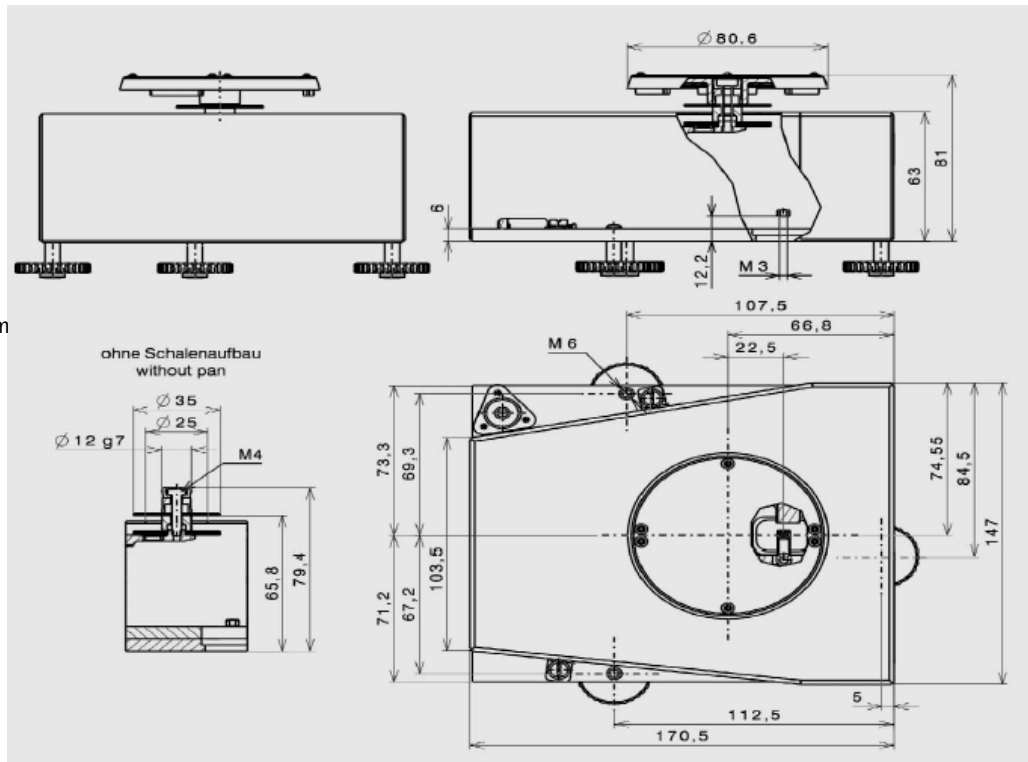
Model WZ... 224-CW

Capacity 220 g

Readability 0.1 mg



**WZ224-CW**  
Dimensions in mm



**Technical Data**

Model	WZ224-CW
Capacity	220 g
Readability	0.1 mg
Preload max. <sup>1)</sup>	20 g
Repeatability (standard deviation) <sup>2)</sup>	≤ ± 0.1 mg
Linearity	≤ ± 0.2 mg
Measuring time <sup>2) 3)</sup>	2 s / ± 0.1 mg
Operating temperature range	+10 .... +30 °C
Allowable temperature range	+5 .... +40 °C
Weigh cell dimension	170 x 147 x 81 mm (base x height)
Electronic / PCB dimension	220 x 108 x 30 mm (base x height)
Load receptor (adjustable, with overload protection)	12 mm Diameter, 16.4 mm height above housing
Under floor load receptor	M3 thread
Cable length weigh cell to electronics	0.25 m
Power supply	115/230 V <sub>AC</sub> , +15 ... - 20%, 48-60 Hz
Power supply (alternative)	12...26, optimal 15V (+15% -10%); 0.5V <sub>PP</sub> (Peak to Peak)
Power consumption	8 VA (average)
Interface	RS232C , software / hardware handshake

**Options / Accessories**

Windows configuration software for test and adjustment	YAD01IS
Liquid-crystal display	YAC01LP

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- 1) the preload can be configured by using the YAD01IS software; higher preload will reduce the weighing range
- 2) depending on measurement equipment set-up and conditions; measuring time is the time in which the measured value is in the given range around the static end value; test weight is approx. 25% of the weighing range.
- 3)

Specifications are subject to change without notice.

Current status: December 2009  
Version: 1.0