



The WZ-CW series



OEM weigh cells

WZ2P-CW

Outstanding features:

Weigh cells with 2 main components:

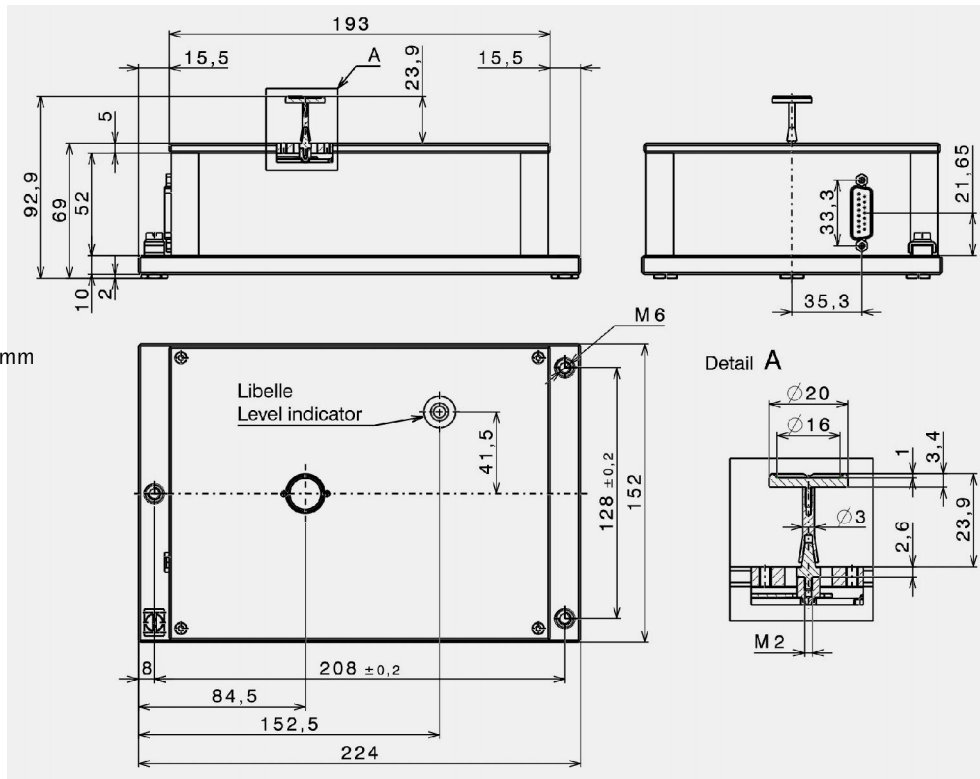
- A monolithic weigh system, based on electromagnetic force compensation technology
- An encapsulated PCB with the CE mark of conformity
- Monolithic weighing system with a resolution of 0.001 mg
- The load receptor includes overload protection
- Internal calibration weight for easy checks in automated 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...	2P-CW		
Capacity	500 mg	1000 mg	2100 mg
Readability	0.001 mg	0.002 mg	0.005 mg



WZ2P-CW

Dimensions in mm



Technical Data

Model	WZ2P-CW		
Capacity	500 mg	1000 mg	2100 mg
Readability	0.001 mg	0.002 mg	0.005 mg
Preload ¹⁾	0 g		
Repeatability (standard deviation) ²⁾	≤± 0.002 mg	≤± 0.003 mg	≤± 0.004 mg
Linearity	≤± 0.002 mg	≤± 0.004 mg	≤± 0.005 mg
Measuring time ²⁾	10 s		
Operating temperature range	+10 +30 °C		
Allowable temperature range	+5 +40 °C		
Weigh cell dimension	152 x 224 x 93 mm (base x height)		
Electronic / PCB dimension	130 x 204 x 45 mm (base x height)		
Load receptor (with overload protection)	20 mm (diameter), 23.9 mm height above housing Weight of the load receptor is 2.6 g		
Under floor load receptor	M3 thread		
Cable length weigh cell to electronics	1 m		
Power supply	115/230 V _{AC} , +15 ... - 20%, 48-60 Hz		
Power supply (alternative)	12...26, optimal 15V (+15% -10%); 0.5V _{PP} (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	YAC02LP

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- 1) the preload can be configured by using the YAD01IS software; higher preload will reduce the weighing range depending on measurement equipment set-up and conditions;
- 2)

Specifications are subject to change without notice.

Current status: December 2009
Version: 1.0