



OEM Weigh Cell

WZA64
WZA124
WZA224
WZA323
WZA523
WZA1203

Weigh cell featuring electromagnetic force compensation

Model	WZA64	WZA124	WZA224	WZA323	WZA523	WZA1203
Capacity	60 g	120 g	220 g	320 g	520 g	1200 g
Readability	0,1 mg	0,1 mg	0,1 mg	1 mg	1 mg	1 mg

Outstanding features

- The weigh cell with the CE mark of conformity consists of two main components:
- A monolithic weigh system, based on force compensation technology and with a stainless steel housing
 - An electronic box

Weighing data generated by the weigh cell is available via the interface port of the electronic box and/or on the optional display.

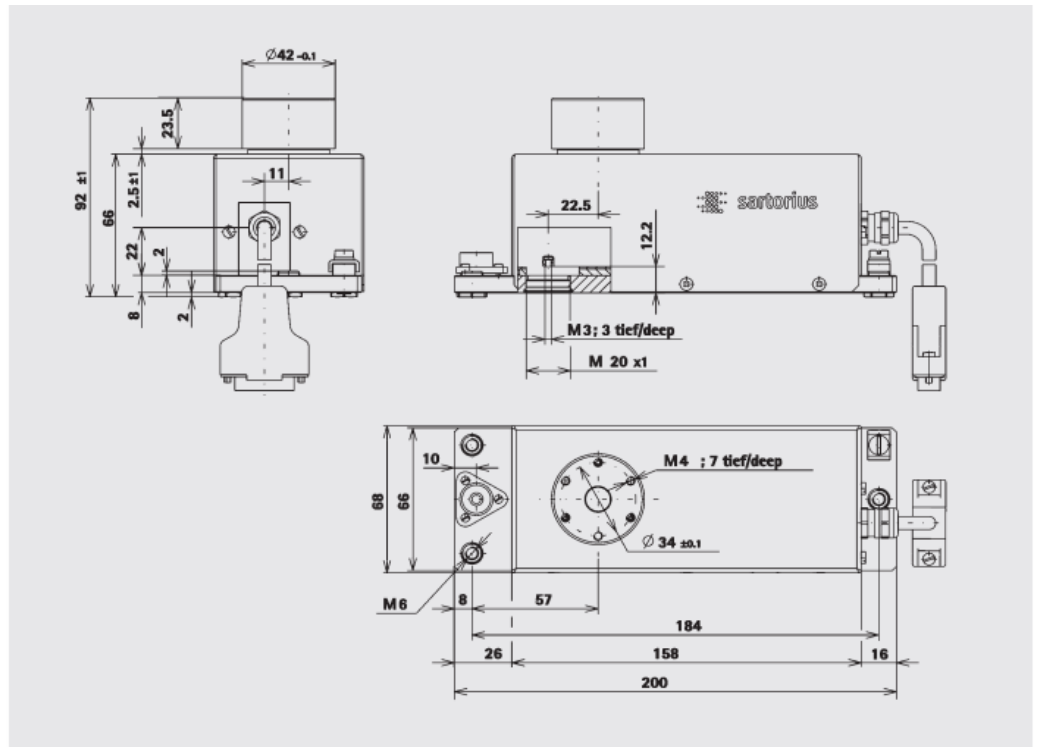
Using the built-in calibration weight, the weigh cell can be adjusted either via the RS-232 interface or by activating the calibration function on the optional display and keypad unit.

An adjustable load receptor allows mounting of mechanical user-designed devices on top. This load receptor includes overload protection.
The protection rating of the stainless steel weigh cells is IP44.



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Weighing capacity	g	60	120	220	320	520	1200
Preload range ¹⁾	g	230	170	70	250	50	150
Readability	mg	0.1	0.1	0.1	1	1	1
Repeatability (standard deviation) ²⁾	<±mg	0.1	0.1	0.1	1	1	1
Linearity	<±mg	0.2	0.2	0.2	2	2	2
Response time ²⁾	s	2	2	2	1.5	1.5	1.5
Operating temperature range	°C	+10...+30°C					
Allowable ambient temperature range	°C	+5...+40°C					
Weigh cell dimensions	mm	68 x 200 x 66 (base plate x height)					
Electronic PCB box dimensions	mm	130 x 204 x 45 (base x height)					
Adjustable load receptor	mm	42 Diameter, 26 height over housing with overload protection					
M3 thread		for attaching user devices underneath					
Power supply unit STNG6	VAC	230 or 115, +15%...-20% / 48-60 Hz					
Alternative: direct voltage supply	VDC	on request					
Power consumption	VA	16 maximum; 8 average					
Built-in interface		RS232C software / hardware handshake					

Options | Accessories

Windows® configuration software for test and adjustment YAD01IS

Liquid - crystal display (LCD) YAC02LP

RS-485 interface available on request

1) the preload could be extended with the software YAD01IS

2) depending on the measuring equipment set-up and conditions