



The Basic series



OEM weigh cells

WZA215-LC

Outstanding features:

The Basic series focus just on the essentials. Sartorius provides the mechanical and electronic solution. These weighing devices should be integrated by the system provider to overcome the influences of the ambient conditions.

The weigh cell consists of two parts:

- A monolithic weighing system with a protective aluminium housing
- All electronic parts fix to a metal board
- An optional display is available
- Force compensation technology weighing system offers a full range 210g with a readability of 0.01mg
- Adjustable load receptor with overload protection
- Possibility for under floor weighing
- Fast warm-up by separation of weighing system and electronics
- Internal calibration weight for easy checks in automated environments
- USB/RS232C interface for configuration, data transfer and internal calibration
- Flexible interconnection on standard connectors
- Optional PC-software with menu setting, weigh data display and internal calibration functions

Model WZA...	215-LC
Capacity	210 g
Readability	0.01 mg





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OEM Weigh Cell

WZ64S
WZ124S
WZ214S



Weigh cell featuring electromagnetic force compensation

Model	WZ64S	WZ124S	WZ214S
Capacity	60 g	120 g	210 g
Readability	0,1 mg	0,1 mg	0,1 mg

Outstanding features

The weigh cell consists of two main components:

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

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

Using an external 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.

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

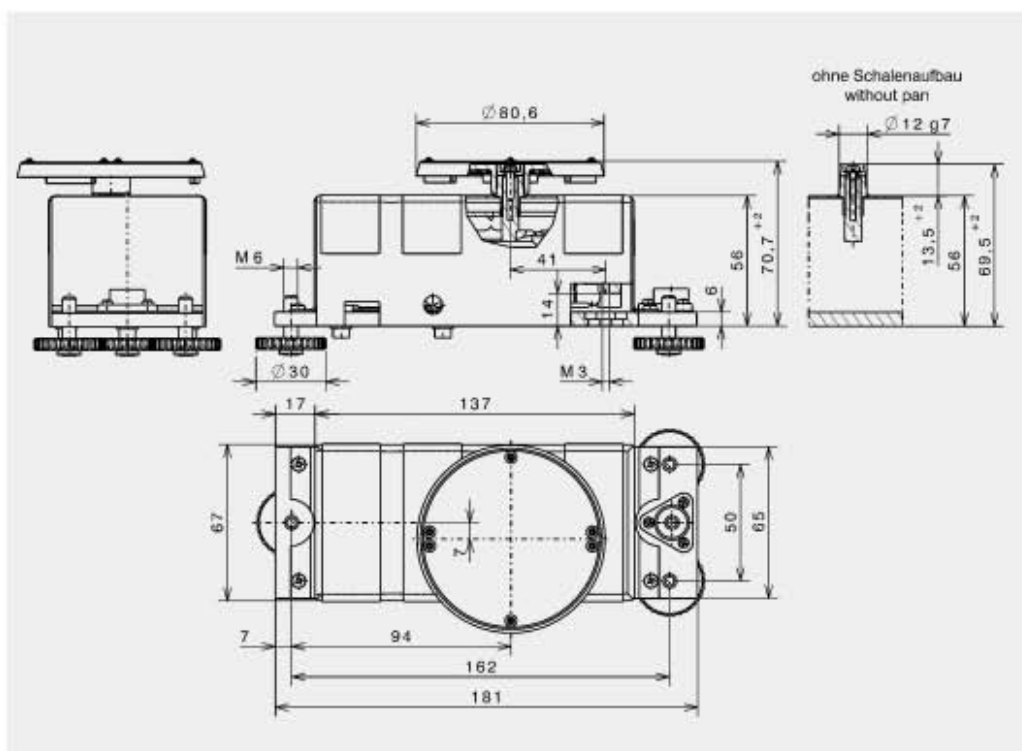
As separate options you could choose:

- the serial output port RS485
- The Display unit YAC01LP



OEM Weigh Cells

WZ64S
WZ124S
WZ214S



Model		WZ64S	WZ124S	WZ214S
Weighing capacity	g	60	120	210
Preload range ¹⁾	g	200	140	50
Readability	mg	0.1	0.1	0.1
Repeatability (standard deviation) ²⁾	<± mg	0.1	0.1	0.1
Linearity	<± mg	0.2	0.2	0.2
Response time ²⁾	s	2	2	2
Operating temperature range	°C	+10...+30 °C		
Allowable ambient temperature range	°C	+5...+40 °C		
Weigh cell dimensions	mm	181 x 67 x 56 (base plate x height)		
Electronic PCB dimensions	mm	220 x 108 x 30 (base x height)		
Adjustable load receptor with overload protection	mm	12 Diameter, 13.5 ^{±2} height over housing		
M3 thread		for attaching user devices underneath		
Power supply unit STN66	VAC	230 or 115, +15%...-20% / 48-60 Hz		
Alternative: direct voltage supply	VDC	on request		
Power consumption	VA	8 average		
Built-in interface		RS232C software/hardware handshake		

Options | Accessories

Windows® configuration software for test and adjustment	YAD01IS
Liquid-crystal display (LCD)	YAC01LP
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