



OEM Weigh Cell

WZ323
WZ523



Weigh cell featuring electromagnetic force compensation

Model	WZ323	WZ523
Capacity	320 g	520 g
Readability	1 mg	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:

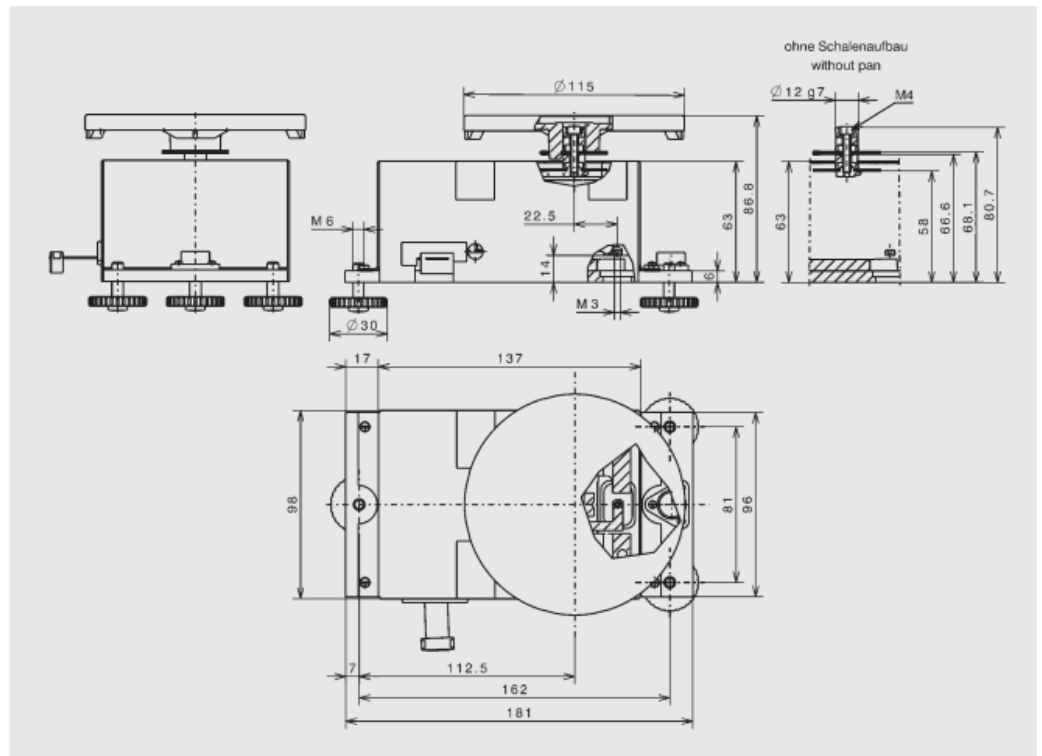
- the serial output port RS485
- The Display unit YAC01LP



OEM Weigh Cells

WZ323

WZ523



Model		WZ323	WZ523
Weighing capacity	g	320	520
Preload range ¹⁾	g	300	100
Readability	mg	1	1
Repeatability (standard deviation) ²⁾	<±mg	1	1
Linearity	<±mg	2	2
Response time ²⁾	s	1.5	1.5
Operating temperature range	°C	+10...+30°C	
Allowable ambient temperature range	°C	+5...+40°C	
Weigh cell dimensions	mm	181 x 98 x 63 (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, 17.7 height over housing	
M3 thread		for attaching user devices underneath	
Power supply unit STNG6	VAC	230 or 115, +15%...-20% / 48-60Hz	
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