

## The WZA-SE series



## OEM weigh cells WZA26-HC

## **Outstanding features:**

The WZA-HC series is the successor of the well established WZA...CW-line. The products provide a readability of 1  $\mu$ g for the weighing capacity of 20 g. The weighing system as well the electronic are designed for space sensitive applications in stainless steel housings.

The weigh cell consist of two parts:

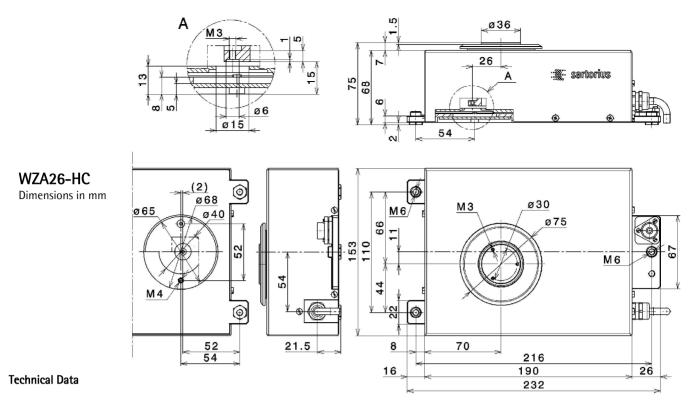
- A monolithic weighing system in stainless steel IP44 housing
- Stainless steel electronic box, all connection via the front
- Force compensation technology system with a resolution of 1 μg
- Superb electronics for 24 Mio. step resolution
- Internal calibration weight for easy checks in automated environments
- Load receptor with overload protection
- Possibility for under floor weighing
- Fast warm-up by separation of weighing system and electronics
- USB/ RS232C interface for configuration and data transfer
- Optional PC-software with menu setting, weigh data display and internal calibration functions
- Applications can be found in weighing of samples in automated system, manual pipette calibration and in automated liquid control, e.g. LCD productions.

Model WZA	26-HC
Capacity	20 g
Readability	1 µa









Model	WZA26-HC
Capacity	20 g
Readability	1 μg
Preload 1)	12.5 g
Repeatability (standard deviation) 2)	≤± 2 µg
Linearity	≤± 0.02 mg
Measuring time <sup>2)3)</sup>	1.8 s / ± 1 μg
Operating temperature range	+10 +30 °C
Allowable temperature range	+5 +40 °C
Weigh cell dimension	153 x 232 x 75 mm (base x height)
Electronic / PCB dimension	196 x 142 x 42 mm (base x height)
Load receptor	36 mm (diameter)
(with overload protection)	Weight of the load receptor is $13.5 \pm 0.5$ g
Under floor load receptor	M3 thread
Cable length weigh cell to electronics	2.8 m
Power supply	TNG10 / 6971987; 115/230 V <sub>AC</sub> , +15 – 20%, 48-60 Hz
Power supply (alternative)	1526, optimal 15V (+15% -10%); 0.1V <sub>PP</sub> (Peak to Peak)
Power consumption	3.75 VA (average)
Interface	USB-B, RS232C, software / hardware handshake

## Options / Accessories

Windows configuration software for test and adjustment	Sartorius CAS Suite
Connection cable 25/ 9 RS232 / RS232-USB	RS232 7357314 / YCC01-USBM2
Connection cable USB A to USB B	buy local
Liquid-crystal display	YACO1CU

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- 1) the preload can be configured by using the Sartorius CAS Suite software;
- higher preload will reduce the weighing range 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

Specifications are subject to change without notice.

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