The WZA-NC series is the successor of the well established WZA...CW-line. The products provide a readability of 1 µg | 10 µg for the weighing capacity of 20 g | 240 g. The weighing system as well the electronics 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 | 10 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.

High Resolution
OEM weigh cells

WZA245-NC
WZA26-HC
Technical Data

**Electronic box**

Electronic | PCB dimension 196 × 142 × 42 mm (base x height)

**Model | Capacity | Readability | Preload**

WZA245-NC | 240 g | 10 μg | 0 g

WZA26-HC | 20 g | 1 μg | 12.5 g

**Repeatability (standard deviation)**

WZA245-NC | ± 20 μg

WZA26-HC | ± 2 μg

**Linearity**

WZA245-NC | ± 0.15 mg

WZA26-HC | ± 0.02 mg

**Measuring time**

WZA245-NC | 1.8 s | ± 10 μg

WZA26-HC | 1.8 s | ± 1 μg

**Operating temperature range**

WZA245-NC | +10°C – +30°C

WZA26-HC | +5°C – +40°C

**Allowable temperature range**

WZA245-NC | +5°C – +40°C

WZA26-HC | +5°C – +40°C

**Weigh cell dimension**

Electronic | PCB dimension 196 × 142 × 42 mm (base x height)

**Load receptor (with overload protection)**

36 mm (diameter),

weight of the load receptor is 13.5 ± 0.5 g

**Under floor load receptor**

M3 thread

**Cable length weigh cell to electronics**

2.8 m

**Power supply**

TNG10 | 6971987; 115 | 230V_Ac | +15 % ... -20%, 48 – 60Hz

Power supply (alternative) 15...26, optimal 15V (+15% - 10%); 0.5Vpp (Peak to Peak)

**Power consumption**

9 VA (average) 3.75 VA (average)

**Interface**

USB-B, RS232C, software | hardware handshake; No system power via RS232 connector

**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  YAC01CU

Pipette calibration set  YCP01WZA

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1) the preload can be configured by using the Sartorius CAS Suite software; higher preload will reduce the weighing range
2) depending on measurement equipment set-up and conditions;
3) 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.