

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:

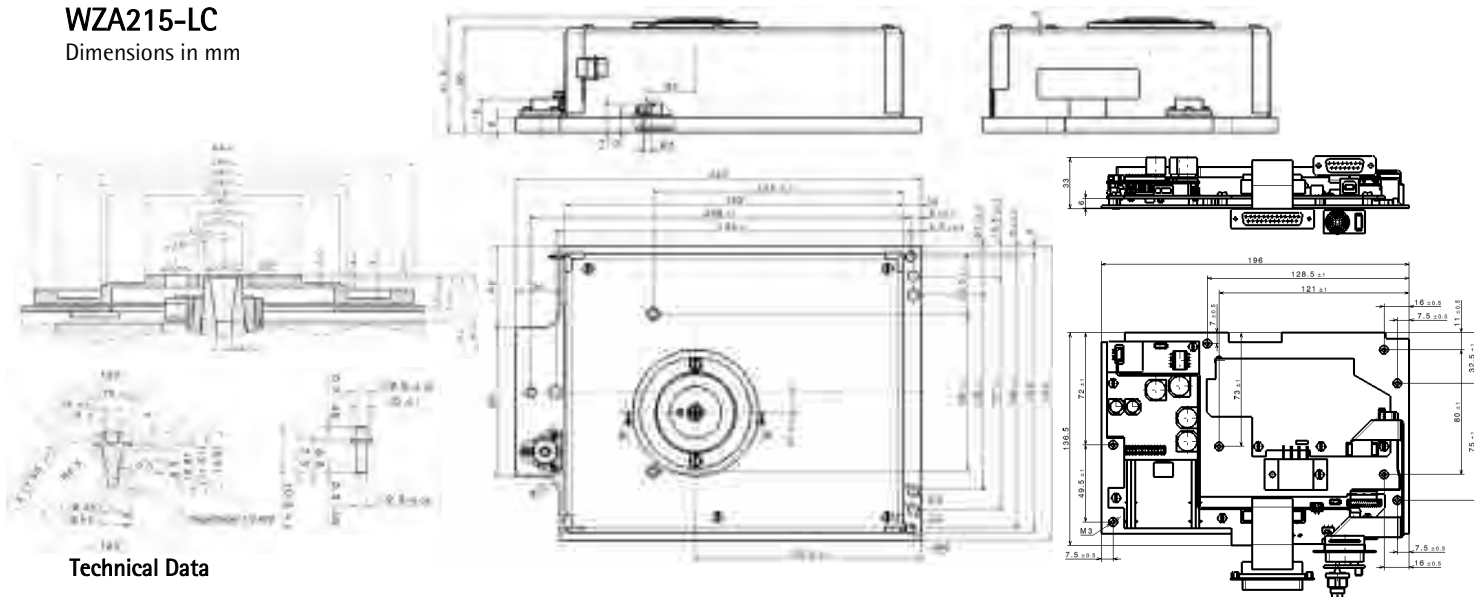
- A monolithic weighing system with a protective aluminium housing
- Aluminium E-Box with all electronic parts fix to a metal board
- An optional display is available
- Force compensation technology weighing system offers a full range 210g with a readability of 0.01mg
- Application related weigh pan design
- Integrated weigh pan 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
- Flexible interconnection on standard connectors
- USB/RS232C interface for configuration, data transfer and internal calibration
- Optional PC-software with menu setting, weigh data display and internal calibration functions

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



WZA215-LC

Dimensions in mm



Technical Data

| | |
|--|---|
| Model | WZA215-LC |
| Capacity | 210 g |
| Readability | 0.01 mg |
| Preload max. ¹⁾ | 13.5 ± 0.5 g |
| Repeatability (standard deviation) ²⁾ | ≤ ± 0.02 mg |
| Linearity | ≤ ± 0.2 mg |
| Measuring time ^{2) 3)} | 2.5 s / ± 0.02 mg |
| Operating temperature range | +10 ... +30 °C |
| Allowable temperature range | +5 ... +40 °C |
| Weigh cell dimensions | 220 x 160 x 61 mm (base plate x height) |
| Electronic metal board dimensions / Box | 196 x 136.5 x 34 mm/ 200 x 139 x 43,5 mm (base x height) without connectors |
| Cable length weigh cell to electronics | Ribbon cable 0.5 m (maximum length of local made extension is 3 m) |
| Weighing pan | Not included |
| Under floor load receptor | M3 thread |
| Power supply unit STNG6 | TNG10 / 6971987, 230/ 115 V _{AC} , +15%...-20% / 48-60 Hz |
| Power supply (alternative) | 15V (+15% -10%); 0.5V _{pp} (peak to peak) |
| Power consumption | 9 VA (typical) |
| Data-Interface | USB/ RS232C software/ hardware handshake |

Options / Accessories

| | |
|---|---|
| Configuration software for test and adjustment | Sartorius CAS Suite |
| Connection cable 25/ 9pin RS232 / RS232-USB | RS232 7357314 / YCC01-USBM2 |
| Connection cable USB A to USB B | Buy local |
| Weighing pan | 69W00142; 36 mm Ø three M3 threads all 120°; Weight of the pan 13.5 ± 0.5 g |
| Shield ring | 69Y03249 |
| Weighing pan, shield ring, weigh cell cable, feed | YWP02WZA |
| Display MSE | YAC01MSE |

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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.

Specifications are subject to change without notice.

Current status: January 2014
 Version: 3.2