

## ACA and ACZ series

- high weighing accuracy
- very good indication readability (LCD 18mm)
- indication backlight
- automatic internal calibration (ACA)
- RS232C and USB interface for printer, computer, label printer and barcode reader



Laboratory balances ACA and ACZ series are designed for use in laboratories, pharmacies, jewelry and research institutes where high accuracy of measurement is required.



external calibration



internal calibration



GLP compatibility



products database



date/time



printout config.



pieces counting



percentage



summation



unit selection



weighing speed selection



threshold/selection



max weight



min weight



Alibi memory



animals weighing



density measurement



force measurement



recipe



statistics

### Options on demand



Under hook weighing



Protective cover



Glass draft shield



ACA hydro set

hook for hanging weighed object

protective cover to secure pan

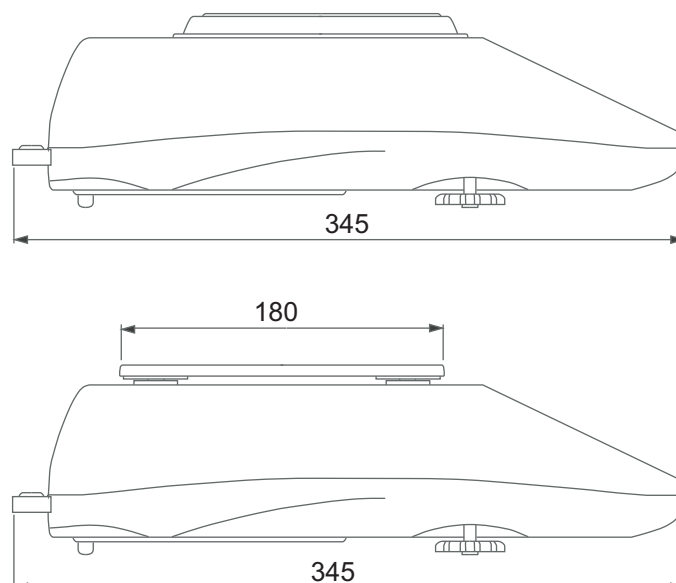
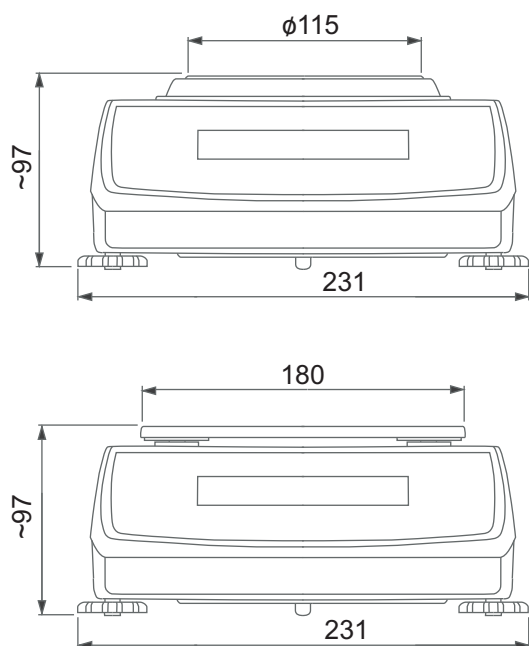
glass draft shield

ACA hydro set to measure density of liquids and solids

USB\_A (for USB flash drive or AXIS printer), LAN or Wi-Fi to work with computer

barcode reader interface (RS232C+supply)

computer software : Statistics <sup>freeware</sup>, Communication <sup>freeware</sup> - saving to file, ProCell - export to Excel



Balances with verification option

M

### Technical data

|                              |                                     |         |        |        |          |                              |           |         |          |         |
|------------------------------|-------------------------------------|---------|--------|--------|----------|------------------------------|-----------|---------|----------|---------|
| Balances with int. calib.    | ACA220                              | ACA320  | ACA520 | ACA620 | ACA820   | ACA1000                      | ACA2200   | ACA3200 | ACA4200  | ACA6200 |
| Balances without int. calib. | ACZ220                              | ACZ320  | ACZ520 | ACZ620 | ACZ820   | ACZ1000                      | ACZ2200   | ACZ3200 | ACZ4200  | ACZ6200 |
| Capacity (Max)               | 220g                                | 320g    | 520g   | 620g   | 820g     | 1000g                        | 2200g     | 3200g   | 4200g    | 6200g   |
| Reading unit (d)             | 0,001g                              | 0,001g  | 0,001g | 0,001g | 0,001g   | 0,001g                       | 0,01g     | 0,01g   | 0,01g    | 0,01g   |
| Verification unit (e)        | 0,01g                               | 0,01g   | 0,01g  | 0,01g  | 0,01g    | 0,01g                        | 0,1g      | 0,1g    | 0,1g     | 0,1g    |
| Tare range                   | -220g                               | -320g   | -520g  | -620g  | -820g    | -1000g                       | -2200g    | -3200g  | -4200g   | -6200g  |
| Accuracy class               | II                                  |         |        |        |          |                              |           |         |          |         |
| Repeatability                | 0,001g                              |         |        |        |          |                              | 0,01g     |         | 0,02g    |         |
| Linearity                    | ± 0,002g                            |         |        |        |          |                              | ± 0,02g   |         | ± 0,02g  |         |
| Working temperature          | +10 ÷ +40°C                         |         |        |        |          |                              |           |         |          |         |
| Weighing time                | <3s                                 |         |        |        |          |                              |           |         |          |         |
| Pan size                     | 115mm                               |         |        |        |          |                              | 180x180mm |         |          |         |
| Display                      | LCD digits height 18mm              |         |        |        |          |                              |           |         |          |         |
| Dimensions (with legs)       | 231x345x97mm                        |         |        |        |          |                              |           |         |          |         |
| Interfaces                   | RS232, USB-B                        |         |        |        |          | options: USB_A, LAN or Wi-Fi |           |         |          |         |
| Units                        | mg, g, kg, ct, lb, oz, ozt, gr, dwt |         |        |        |          |                              |           |         |          |         |
| Power supply                 | ~230V 50Hz 9VA / =12V 1,2A          |         |        |        |          |                              |           |         |          |         |
| Balance weight               | 4kg                                 |         |        |        |          |                              |           |         |          |         |
| Recommended std. of mass     | F2 200g                             | F1 500g |        |        | E2 1000g |                              | F2 2000g  |         | F1 5000g |         |