



- compact size
- high weighing precision
- calibration with internal weight (ATA)
- backlighted LCD display
- interfaces for printer, label printer and computer
- rich special functions set: recipes, indications in %, pieces counting and others



ATA1200, ATA2200
ATZ1200, ATZ2200



ATA220÷ATA520
ATZ220÷ATZ520

ATA, ATZ
series

compact
LABORATORY BALANCES

LABORATORY BALANCES ATA and ATZ series

Compact laboratory balances of ATA and ATZ series are small sized high precision scales. ATA series balances have calibration system with internal weight, which assures maintaining of measurements precision during exploitation. ATZ series scales are calibrated using external standard off mass.

ATA series are designed to use in laboratories, pharmacies, jewellery stores and other places, where high measurement precision is required.

In both series the same proven design solution of balances mechanism is applied which assures their long exploitation. Transparent draft shield with cover allows operation in rooms, where elimination of air movements is impossible. Big, backlit display and functional keyboard allows easy and effective working with the scale.

All the scales have a rich set of special functions: counting of identical pieces, calculation of mass changes in percentage, recipe making, change of measurement unit (ct, lb, oz, ozt, gr, dwt), summing measurement series and others.

USB interface allows connection to a computer in order to archive weighing results.

Moreover RS232C interface enables to connect printer or label printer to print receipts and reports. Printed reports comply with requirements of GLP regulations.

Connection with computer enables to use dedicated software available on AXIS website www.axis.pl. Recommended to work in laboratory *Procell* software enables direct transfer of weighing results to *Excel* and easy reports edition. All balances conform to European Union regulations (CE). All balances may be calibrated. All balances excluding ATZ520 can be verified (on demand) and marked with **M**.

Options on demand:

- hanger for below-balance weighing
- transparent draft shield (balances with 115mm pan)
- solid body and liquids density determining Hydro ATA kit (balances with 115mm pan)
- LAN or Wi-Fi interface (instead of USB)
- RS232C interface with supply for connecting scanner
- PEN-01 adapter for external USB memory stick (pendrive)
- internal clock
- software: *Stat Free*, *Communication Free* - save to file, *ProCell* - export to Excel



Weighed load hanging method



Draft shield



Density determining kit



Additional display for client

Technical data

| Scale type | ATA220 | ATA320 | ATA520 | ATA1200 | ATA2200 | ATZ220 | ATZ320 | ATZ520 | ATZ1200 | ATZ2200 |
|------------------------------|-----------------------------------|---------|---------|----------|----------|------------------------------------|---------|---------|----------|----------|
| Capacity (Max) | 220g | 320g | 520g | 1200g | 2200g | 220g | 320g | 520g | 1200g | 2200g |
| Readout unit (d) | 0,001g | 0,001g | 0,001g | 0,01g | 0,01g | 0,001g | 0,001g | 0,001g | 0,01g | 0,01g |
| Verification unit (e) | 0,01g | 0,01g | 0,01g | 0,1g | 0,1g | 0,01g | 0,01g | 0,01g | 0,1g | 0,1g |
| Tare range | -220g | -320g | -520g | -1200g | -2200g | -220g | -320g | -520g | -1200g | -2200g |
| Accuracy class | II | | | | | | | | | |
| Repeatability | 0,001g | | | 0,01g | | | 0,001g | | | 0,01g |
| Linearity | ±0,002g | | | ±0,02g | | | ±0,002g | | | ±0,02g |
| Sensitivity drift | 2 ppm/°C in range +15 ÷ +35°C | | | | | | | | | |
| Work temperature | +10 ÷ +40°C | | | | | | | | | |
| Weighing time | <3s | | | <2s | | | <3s | | | <2s |
| Pan dimensions | 115mm | | | 150mm | | | 115mm | | | 150mm |
| Interfaces | RS232C, USB; option: LAN or Wi-Fi | | | | | RS232C; options: USB, LAN or Wi-Fi | | | | |
| Supply | ~230V 50Hz 6VA / =12V 1,2A | | | | | | | | | |
| Dimensions | 185x290x90mm | | | | | | | | | |
| Scale weight | 2,6kg | | | | | 2,1kg | | | | |
| Internal calibration | | | | | | - | - | - | - | - |
| Recommended standard of mass | F2 200g | F2 200g | F1 500g | F2 1000g | F2 2000g | F2 200g | F2 200g | F1 500g | F2 1000g | F2 2000g |