



Balances series AS/X represent standard level of analytical balances. They are equipped with backlit graphic display. Accuracy and precise measurement of the balances are determined by automatic internal calibration, dependant on time and temperature changes.












Analytical balances AS/X series are offered with following capacities: 110, 160, 220, 310 g with readability of 0,1 mg, 60 g with readability of 0,01 mg and 60/220 g with readability of 0,01/0,1 mg.

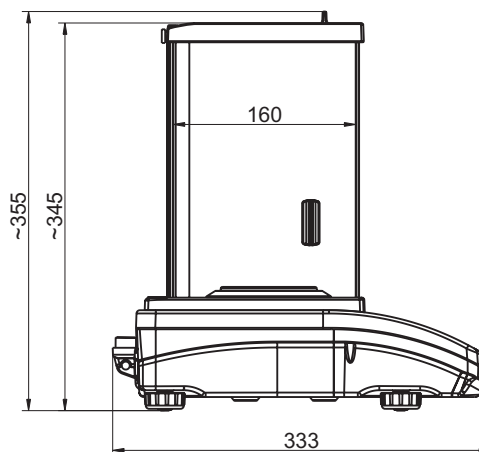
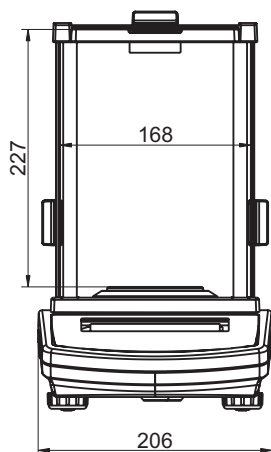
AS/X balances are equipped with optional pipette calibration as well as automatic door opening system.

GLP procedure of these balances is a report from calibration process of the balance, and this information has unchangeable shape (no modification possible).

User has access to big measuring chamber with sliding doors and sliding top glass. Each balance is equipped with RS 232 output and possibility of connection of additional display as standard.

Balances are equipped with possibility of weighing loads outside the main weighing platform (so called under hook weighing). This means of mass measuring is an alternative for loads with non-standard dimensions and shapes and those which create magnetic field. Under hook weighing is also applied for density determination procedures.

-  Counting pieces
-  Filling
-  Animal weighing
-  Density determination
-  Checkweighing
-  Percentage
-  Statistics
-  Formulation
-  Air buoyancy correction
-  GLP procedures
-  Under-hook weighing



## Technical data:

|                     | AS 110/X   | AS 160/X | AS 220/X | AS 310/X                            |
|---------------------|--|----------|----------|-------------------------------------|
| Max capacity        | 110 g  | 160 g    | 220 g    | 310 g                               |
| Minimal load        | 10 mg  | 10 mg    | 10 mg    | 10 mg                               |
| Readability         | 0,1 mg   | 0,1 mg   | 0,1 mg   | 0,1 mg                              |
| Tare range          | -110 g   | -160 g   | -220 g   | -310 g                              |
| Working temperature | +10° - +45°C   |          |          |                                     |
| Stabilization time  | 3,5 s  |          |          |                                     |
| Repeatability *     | 0,1 mg   | 0,1 mg   | 0,1 mg   | 0,1 mg (220g)<br>0,2 mg (220g+310g) |
| Linearity           | ± 0,2 mg   | ± 0,2 mg | ± 0,2 mg | ± 0,3 mg                            |
| Sensitivity drift   | 2 ppm/°C in temperature +10° - +35°C                 |          |          |                                     |
| Power supply        | 110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V AC / 1,1 A |          |          |                                     |
| Calibration         | internal (automatic)                                 |          |          |                                     |
| Pan size            | ø 85 mm  | ø 85 mm  | ø 85 mm  | ø 85 mm                             |

\* Repeatability is expressed as a standard deviation from 10 weighing cycles.

## PARTNER CORPORATION

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