



- high weighing accuracy
- internal or external calibration
- LCD display or graphical
- RS232C and USB interface
- set of special functions

AKA1200G - AKA4200G  
AKZ1200G - AKZ4200G



AKA120G - AKA520G  
AKZ120G - AKZ520G



AKA1200 - AKA4200  
AKZ1200 - AKZ4200

AKA120 - AKA520  
AKZ120 - AKZ520

**AKA, AKZ**  
*series*

**LABORATORY BALANCES**

## LABORATORY BALANCES AKA, AKZ, AKA/G and AKZ/G series Options on demand:

Laboratory balances of AKA, AKA/G, AKZ and AKZ/G series are designed for use in laboratories, pharmacies, jewellery stores and research institutes, where high measurement precision is required.

AKA and AKA/G series have calibration system with internal weight, which assures maintaining of measurements precision during operation without user's intervention.

AKZ and AKZ/G series are calibrated with external weight.

Transparent draft shield with lid, being standard equipment of AKA120G+ AKA120-520G balances, enables operation in rooms, where elimination of air movements is impossible.

In AKA/G and AKZ/G series balances big, bright and clear graphical display allows for easy reading of weighing results, clear menu and text hints make balance operation easy and quick.

AKA and AKZ balances series are equipped with digital LCD display and basic set of keys, sufficient for standard applications.

Application range is also extended by many special functions: percentage indication, counting of identical pieces, recipe making and many more.

RS232C connector allows for connecting computer or printer to print receipts, report or weighing results archiving in computer. Printed reports comply with requirements of GLP regulations. *Procell* software allows for direct transfer of weighing results to *Excel* spreadsheet.



Weighed load hanging method



Draft shield



Hydro AKA kit

### Options on demand:

- hanger for below-balance weighing
- transparent draft shield (AKA and AKZ balances with 115mm pan)
- density determining Hydro AKA kit (balances with 115mm pan)
- LAN or Wi-Fi interfaces for computer network
- connecting label printer and scanner (RS232C) or computer keyboard (PS2)
- checkweighing (Min/Ok/Max), statistics and other special functions

### Technical data

Model: internal calib.	AKA120(G)	AKA220(G)	AKA320(G)	AKA520(G)	AKA1200(G)	AKA2200(G)	AKA3200(G)	AKA4200(G)	
external calib.	AKZ120(G)	AKZ220(G)	AKZ320(G)	AKZ520(G)	AKZ1200(G)	AKZ2200(G)	AKZ3200(G)	AKZ4200(G)	AKZ10(G)
Capacity (Max)	120g	220g	320g	520g	1200g	2200g	3200g	4200g	10kg
Reading unit (d)	0,001g	0,001g	0,001g	0,001g	0,01g	0,01g	0,01g	0,01g	0,1g
Verification unit (e)	0,01g	0,01g	0,01g	0,01g	0,1g	0,1g	0,1g	0,1g	1g
Tare range	-120g	-220g	-320g	-520g	-1200g	-2200g	-3200g	-4200g	-10kg
Accuracy class	II								
Repeatability	0,001g				0,01g				0,1g
Linearity	± 0,002g				± 0,02g				± 0,2g
Working temperature	+15 ÷ +35°C								
Weighing time	<3s								
Pan size	115mm				165x165mm				195x180
Dimensions (with legs)	215(235)x345x90mm								
Interfaces	AKA/G and AKZ/G: RS232C, USB, PS2, Clock				AKA and AKZ: RS232		options: USB, LAN, Wi-Fi or clock		
Power supply	~230V 50Hz 9VA / =12V 1,2A								
Balance weight	5kg								
Recommended calibration weight	F2 100g	F2 200g	F2 200g	F1 500g	F2 1000g	F2 2000g			F2 5000g