



- high weighing accuracy
- automatic internal calibration
- graphical or LCD display
- RS232C interface for computer or a printer
- recipe making, indications in %, pieces counting
- other special functions

AG1000 - AG4000

AG600

AG100 - AG500

AG1000C - AG4000  
AGZ1000C-AGZ10C

AG600C  
AGZ600C

AG100C - AG500C  
AGZ100C-AGZ500C

**AG**  
*series*

**LABORATORY BALANCES**

## LABORATORY BALANCES AG, AG/C, AGZ/C series

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

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

AGZ/C series are calibrated with external weight.

Transparent draft shield with lid, being standard equipment of AG100÷AG500 balances, enables operation in rooms, where elimination of air movements is impossible.

In AG 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.

Balances of AG/C 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.

All balances conform to European Union regulations, which is indicated by CE sign on proprietary plate. Balances may be calibrated or EC verified on demand, EC verified balances have metrological mark **M**.

Options on demand:

- hanger for below-balance weighing
- transparent draft shield (AG/C balances with 115mm pan)
- density determining Hydro AG kit (AG100 ÷ AG500 only)
- LAN or Wi-Fi interfaces for computer network
- connecting label printer and scanner (RS232C) or computer keyboard (PS2)
- internal clock, checkweighing (Min/Ok/Max), statistics and other special functions

### Options on demand:



Weighed load hanging method



Draft shield  
(AG100÷AG500 in standard)



Hydro AG kit

### Technical data

Model: internal calib.	AG100(C)	AG200(C)	AG300(C)	AG500(C)	AG600(C)	AG1000(C)	AG2000(C)	AG3000(C)	AG4000(C)	
external calib.	AGZ100C	AGZ200C	AGZ300C	AGZ500C	AGZ600C	AGZ1000C	AGZ2000C	AGZ3000C	AGZ4000C	AGZ10C
Capacity (Max)	100g	200g	300g	500g	600g	1000g	2000g	3000g	4000g	10kg
Reading unit (d)	0,001g	0,001g	0,001g	0,001g	0,01g	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	0,1g	1g
Tare range	-100g	-200g	-300g	-500g	-600g	-1000g	-2000g	-3000g	-4000g	-10kg
Accuracy class	II									
Repeatability	0,001g				0,01g					0,1g
Linearity	± 0,002g				± 0,02g					± 0,2g
Sensitivity drift	2 ppm/°C in range +15 ÷ +35°C									
Working temperature	+18 ÷ +33°C									
Weighing time	<3s									
Pan size	115mm				150mm	165x165mm				195x180
Dimensions (with legs)	215(235)x345x90mm									
Interfaces	standard: RS232C, PS2 (only AG), options: USB, LAN or Wi-Fi									
Power supply	~230V 50Hz 9VA / =12V 1,2A									
Balance weight	5kg									
Recommended calibration weight	F2 100g	F2 200g	F2 200g	F1 500g	F2 500g	F2 1000g	F2 2000g			F2 5000g