

- 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

AG1000C - AG4000C
AGZ1000C-AGZ10C

AG600

AG100 - AG500

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.

Those balances have calibration system with internal weight, which assures maintaining of measurements precision during operation without user's intervention. Proven design solution of balances mechanisms assures their long life.

For tasks not requiring EC verification series AGZ/C without internal calibration has been prepared.

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

In balances of AG series big, bright and clear graphical display allows for easy reading of weighing results, and 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: calculation of mass changes in percents, 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 $\phi 115$ mm pan)
- density determining Hydro AG kit (AG100 ÷ AG500 only)
- ethernet connector for operation in computer network (LAN)
- connecting labels 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

	A	B
1	Weight [g]	
2	10,20	
3	9,91	
4	10,11	
5	10,50	
6	9,85	
7	10,31	

Export to Excel spreadsheet

Technical data

Model	AG100(C) AGZ100C	AG200(C) AGZ200C	AG300(C) AGZ300C	AG500(C) AGZ500C	AG600(C) AGZ600C	AG1000(C) AGZ1000C	AG2000(C) AGZ2000C	AG3000(C) AGZ3000C	AG4000(C) 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									
Working temperature	+18 ÷ +33°C									
Weighing time	<8s					<5s				
Pan size	$\phi 115$ mm				$\phi 150$ mm	165x165mm			195x180	
Dimensions (with legs)	215(235)x345x90mm									
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