



- very high weighing accuracy
- calibration: - internal (ALN type)  
- external (ALZ type)
- graphical or LCD display
- RS232C interface for computer, label printer or printer
- PS2 interface for standard PC keyboard
- USB, Wi-Fi and LAN interfaces (options)



ALN60-ALN220  
ALZ60-ALZ220

ALN60G-ALN220G  
ALZ60G-ALZ220G



**ALN, ALZ**  
**series**

**ANALYTICAL BALANCES**

## ANALYTICAL BALANCES ALN(/G) and ALZ(/G) series

Analytical balances of ALN(/G) and ALZ(/G) series are designed for use in laboratories, pharmacies, jewellery stores and research institutes, where high measurement precision is required.

ALN and ALN/G balances have calibration system with internal weight, which assures maintaining of measurements precision during operation without user intervention.

In ALZ and ALZ/G only calibration with external weight is possible.

Proven design solution of balances mechanisms assures their long life.

Spacious, closed with slidable glass on three sides weighing chamber allows for comfortable and efficient operation in rooms, where elimination of air movements is impossible.

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

ALN and ALZ series are equipped with digital LCD display and basic set of keys, sufficient for standard applications.

All scales are equipped with full set of special functions: counting of identical pieces, percentage indication, recipe making and many more.

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

### Options on demand:



Hydro ALN kit

	A	B
1	Mass [g]	
2	10,2010	
3	9,9061	
4	10,1054	
5	10,5554	
6	9,8005	
7	10,3201	

Results export  
to Excel spreadsheet

### Options on demand:

- density determining Hydro ALN kit
- USB, Wi-Fi or LAN interfaces, PS2 connection for computer keyboard
- additional RS232C interface for inserting data using scanner
- internal clock, transoptors out for threshold selection

Technical data			
Model	ALN60(G) / ALZ60(G)	ALN120(G) / ALZ120(G)	ALN220(G) / ALZ220(G)
Capacity (Max)	60g	120g	220g
Reading unit (d)	0,1mg	0,1mg	0,1mg
Verification unit (e)	1mg	1mg	1mg
Tare range	-60g	-120g	-220g
Accuracy class		I	
Repeatability		0,1mg	
Linearity		±0,2mg	
Working temperature		+18 ÷ +35°C	
Weighing time		<5s	
Pan size		90mm	
Dimensions		215(with legs 235)x345x350mm	
Dimensions of the weight chamber		175x140x230mm	
Interfaces and equipment	ALN, ALZ: RS232C (options: USB, LAN or Wi-Fi, clock) ALN/G, ALZ/G: RS232C, USB, PS2, clock (options: LAN or Wi-Fi)		
Power supply	~230V 50Hz 6VA / =12V 1,2A		
Balance weight		6,5kg	
Recommended external calibration weight	E2 50g	E2 100g	E2 200g