

Technical Specifications:

Product Name	Electronic Analytical Balance		
Product Code	HR-G8025	HR-G8030	HR-G8035
Max capacity (gr)	60/220	220	310
Minimum load (mg)	1	10	10
Readability (mg)	0,01 / 0,1	0,1	0,1
Tare range (g)	-220	-220	-310
Linearity (mg)	± 0,06 mg (to 60 g) ± 0,2 mg (60 g ÷ 220 g)	± 0,2 mg	± 0,3 mg
Pan Size	ø 90 mm open-work	Ø 100 mm	Ø 100 mm
Working temperature (°C)	(+10) ÷ (+ 40)		
Interface	2×RS 232, USB-A, USB-B		
Wireless connection (option)*	802.11 b/g/n		
Power supply	12 ÷ 16 V DC		
Adjustment	internal		
Display	LCD (with backlight)		
Net weight/Gross weight (kg)	5,3/7,3		
Packaging size (mm)	495×400×515		

* optional solution on purchase order

PRECISION BALANCES

PS.R1 series balances represent a new standard of precision balances. They feature a new, readable LCD display which allows a clearer presentation of the weighing result. Besides, the display has a new text information line allowing to show additional messages and data, e.g. product name or tare value.

New PS.R1 balances, like previously designed PS series balances, have pans in two possible dimensions: 128x128 mm or 195x195 mm. Balances with a smaller pan have a draft shield. They were equipped with the system of external mass adjustment.

PS.R1 balances feature several communication interfaces: 2 x RS 232, type A USB, type B USB and optional Wireless Connection.

The balance may cooperate with computer by means of USB interface supposing a supplementary software has been installed (respective driver). The said driver may be downloaded from RADWAG website – SOFTWARE link or SUPPORT section.

The housing is made of plastic, and the pan is made of stainless steel. The balances have a possibility to weigh products out of the pan (under-pan weighing) - the load hangs under the pan.

DATABASES IN R SERIES BALANCES

The information system is based on 5 databases, which allows for several users to work with several products databases, and the registered weighing results can be subject to further analysis.

The data is registered in 5 databases:

- users (up to 100 users),
- products (up to 1000 products),
- weighments (up to 5000 weighments),
- tares (up to 100 tares),
- ALIBI memory (up to 100 000 weighments).

There is two directions data exchange within the system thanks to a quick USB interface. New balances allow to import and export databases using USB pen drives.

Quick access to information

Direct access to functions and databases is possible from the level of keyboard.

- **Database**
a direct access to databasis
- **Function**
a direct access to the basic functions
- **F1 to F4**
programmable function and navigation keys on the menu



HR-G8050

ALIBI MEMORY

The used ALIBI memory is a data secure area and allows to record up to 100 000 weightment records. It ensures security of constant data register in the long time period.

Technical Specifications:

Product Name	Electronic Precision Balance			
Product Code	HR-G8049	HR-G8050	HR-G8055	HR-G8056
Max capacity (gr)	360	510	750	1000
Minimum load (g)	0,02			
Readability (g)	0,001			
Tare range (g)	-360	-510	-750	-1000
Repeatability* (g)	0.001		0.0015	
Linearity (g)	±0.002	±0.002	±0.003	
Pan Size (mm)	128 x 128			
Working temperature (°C)	(±10) ÷ (+ 40)			
Stabilization time (s)	2			
Interface	2×RS 232, USB-A, USB-B			
Wireless connection (option)**	802.11 b/g/n			
Power supply	12 ÷ 16 V DC			
Adjustment/Calibration	external			
Display	LCD (with backlight)			
Net weight/Gross weight (kg)	3,2/4,8			
Packaging size (mm)	470×380×340			

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

** optional solution on purchase order

Technical Specifications:

Product Name	Electronic Precision Balance			
Product Code	HR-G8059	HR-G8060	HR-G8070	HR-G8075
Max capacity (gr)	3500	4500	6000	10100
Minimum load (g)	0,5			
Readability (g)	0,01			
Tare range (g)	-3500	-4500	-6000	-10100
Repeatability* (g)	0.01		0.015	0.012
Linearity (g)	±0.02		±0.03	
Pan Size (mm)	195 x 195			
Working temperature (°C)	(±10) ÷ (+ 40)			
Stabilization time (s)	1,5			
Interface	2×RS 232, USB-A, USB-B			
Wireless connection (option)**	802.11 b/g/n			
Power supply	12 ÷ 16 V DC			
Adjustment/Calibration	external			internal
Display	LCD (with backlight)			
Net weight/Gross weight (kg)	3,6/5,1		3,9/5,4	
Packaging size (mm)	470×380×336			

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

** optional solution on purchase order