



RADWAG WLC 20/A2 Precision Balance 20000 x 0.1 g

The WLC A Series Precision Balance is designed for quick and precise mass determination of weighed loads under laboratory or industrial conditions. It can be used remotely, as it comes standard with an internal rechargeable battery (at 230V) and RS 232 output.



**Capacity x
Readability**

20 kg x 0.1 g

Pan Size

195 x 195 mm

Manufature:

RADWAG

SKU: WLC-20/A2

Weight: 15.00 lb

Free Ground Shipping
within the 48 continental
US States

**Please Call
(800)832-0055**

Features

The WLC A Series Precision Balance is designed for quick and precise mass determination of weighed loads under laboratory or industrial conditions. It can be used remotely, as it comes standard with an internal rechargeable battery (at 230V) and RS 232 output. The WLC Series has a stainless steel weighing platform and backlit LCD display for clear and legible measurement result. The balance is available in dual range (non-verified) version for an extra charge.

- **CHECKWEIGHING** - Checkweighing function is used for checking whether the measured sample mass is within the predefined threshold values, Low [LO] and Hgh [HI]. The thresholds are given in [g] and [kg] units. Current state of a sample being measured is signalled by means of pictograms located on a display for laboratory balances, for industrial scales Stacklit System is used. This visual +/- inspection is in operation during segregation, control or packing process of products for which mass has been determined with a specified tolerance, eg. 12860 g 961
- **PARTS COUNTING** - Function using mass measurement for determination of measured items quantity. Mass of a single item is required for this process. It may be either estimated through weighment or taken from a database. For items counting the following algorithm is used: all

items mass / single item mass = quantity. Function operation is supported by a mechanism of Automatic Correction of Accuracy. This allows to update single item mass in course of the process. To a certain extend Automatic Correction of Accuracy eliminates error which may be a result of different mass values of seemingly alike single elements. For industry solutions items counting may be simultaneously carried out with checkweighing and dosing thus industry solutions feature audio signalling base informing that specified number of items has been weighed. It is possible to apply weighing systems using few platfroms of different MAX capacities and different accuracies.

- **PERCENT SETUP** - Percent setup function is used for comparision of measured products with mass standard. Mass of a mass standard may be a numeric value taken from a database or it may be determined through a measurement process. Each measured product is compared to mass standard, mass of which is presumed as a model 100% ideal mass. For products weighing less than the mass standard, obtained results are lower than 100%, for products weighing more, the obtained results are greatly exccessed.
- **ANIMAL WEIGHING** - Process of mass determination for a product which may unwillingly reposition within the weighing pan. Mass determination in such cases requires much longer period of time when compared to typical weighing process. It is the user who defines period of time needed for control of measured product mass. The user can thus optimize the function depending on the measured product characteristics.
- **PEAK HOLD** - Function registering the greatest temporary indication occurring in course of the weighing process. It is most often used in medical scales in order to hold the measurement indication.
- For the C2 Line, internal calibration is available in addition to standard manual calibration.
- For the K Line, a versatile cable connection is utilized between the balance and indicator.

Specifications

Model	WLC 1/A2	WLC 2/A2	WLC 6/A2	WLC 10/A2	WLC 20/A2
Capacity x Readability	1000 x 0.01 g	2000 x 0.01 g	6000 x 0.1 g	10000 x 0.1 g	20000 x 0.1 g
Tare range	-1000 g	-2000 g	-6000 g	-10000 g	-20000 g
Linearity	±0.03 g	±0.03 g	±0.2 g	±0.3 g	±0.3 g
Repeatability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Working temperature	+15 - +30 °C				
Pan size	195 x 195 mm				
Atmospheric humidity	10÷85% RH no condensation				
Stabilization time	3 s				
Display	LCD (backlit)				
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC and battery				
Operation time on batteries	45 h (average time)				
Interface	RS 232				

Adjustment / Calibration external

IP rating IP 43

OIML Class - II -

Net weight/Gross weight 2.8 kg/4.3 kg

i81u812

Contact US

718-336-5900

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About Us

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