KBQ - Mechanical balances

1|Nahita mechanical balances, strong and durable, are mainly used for educational purposes with the aim of understanding the weighing basis, the most used operation in laboratory practices. The traditional two-pan design is based on the comparison of a known weight with an unknown one; both weights are equilibrated in opposite pans. The newest versions of mechanical balances use only one pan for the unknown sample, whose weight is measured by sliding weights along several calibrated sliding beams.
2| Depending on the operation to be carried out, select the most adequate type of balance regarding readability and rapidity in weighing. The Nahita capacity of mechanical balances ranges from 100 g to 5000 g, with a readability between 1 g and 0.001 g.

Equal arm balances, series 5004

1|With a capacity of 100 g and a readability of 0.02 g, this functional design in wooden box with drawer allows to store the balance when the space is limited, as well as dismantle and put it away when it is not used for a long time.
2| The weighing system is made in steel with stainless steel blades and presents a locking device.
3|The balance includes a set of weights with fractions.

Code	KBQ005	
Capacity	100 g	
Readability	0.02 g	
Pan diameter	ø 80 mm	
Dimensions	300x160x80 mm	
Set of weights included	1 of 50 g	1 of 500 mg
	1 of 20 g	1 of 200 mg
	2 of 10 g	2 of 100 mg
	1 of 5 g	1 of 50 mg
	2 of 2 g	2 of 20 mg
	1 of 1 g	1 of 10 mg

Roverbal series 5001

CODE:KBQ003

CODE:KBQ004

1| Useful and easy-to-use balances made of furnace-painted steel with stainless steel blades and agate bearings. They are highly resistant and durable instruments.
2| These balances present a frontal scale that allows adding from 5 g to 50 g (depending on the model) without necessity of placing any additional weight on the pan.
3| The balance readability is given by the division of this scale and ranges from 2 g to 0.1 g .
4| All balances include a set of weights.

Code	KBQ003	KBQ004
Capacity	1000 g	2000 g
Readability	1 g	2 g
Scale rank	0-10 g	Non scale
Scale division	1 g	-
Pan diameter	ø 134 mm	ø 170 mm
Dimensions	350x140x200	400x180x300
Balance weights	2.5 Kg	6 Kg
Set of weights included	1 of 500 g	1 of 1000 g
	1 of 200 g	1 of 500 g
	2 of 100 g	2 of 200 g
	1 of 50 g	1 of 100 g
	2 of 20 g	1 of 50 g
	1 of 10 g	2 of 20 g
		1 of 10 g
		1 of 5 g
		2 of 2 g
		1 of 1 g

KBQ - Mechanical balances

Monoplate 4 beam series 5010

1| Last generation of mechanical balances that derive from the roman balance; they are very easy-to-use thanks to their system of sliding weights that also avoids possible loses of weights and fractions.
2| The magnetic cushioning system allows a quick stabilization of the balance and faster readings than conventional models.
3| Built on light metal casting with agate bearings, steel blades and stainless steel pan.
4| It presents 4 beams over which different weights (100, 10, 1 and 0.1 g) are located; the weights slide over the beams that act as tracks. The balance is equipped with a platform to perform hydrostatic weighings and measure the specific weight of solids.

Code	KBQ006
Capacity	311 g
Readability	0.01 g
1st beam	1 g (divisions of 0.01 g)
2nd beam	10 g (divisions of 1 g)
3th beam	100 g (divisions of 10 g)
4th beam	200g (divisions of 100 g)
Pan diameter	100 mm
Dimensions	420x180x360 mm
Weight	1.9 Kg