NAHITA-BLUE LABORATORY BALANCES

Here we present our new range of laboratory balances for analytical and routine applications. From high performance equipments that offer quick and accurate measurements to simple balances for routine applications, our new range will meet your necessities.

NAHITA-BLUE PICTOGRAMS

Internal adjusting:
Quick setting up of the balance's accuracy with internal adjusting weight (motor driven).

Adjusting program CAL:
For quick setting up of the balance's accuracy. External adjusting weight required.

Data interface RS-232:
To connect the balance to a printer, PC or network..

USB:
To connect the balance to a printer, PC or other peripherals.

Piece counting:
Reference quantities selectable. Display can be switched from piece to weight.

Percentage determination::
Determining the deviation in % from the target value (100 %).

Weighing units::
Can be switched to e.g. nonmetric units at the touch of a key.

Suspended weighing:
Load support with hook on the underside of the balance.

Battery operation:
Ready for battery operation. The battery type is specified for each device.

Rechargeable battery pack

Universal mains adapter:
110/220 V

Mains adapter:
230 V/50 Hz in standard version for UE.

Weighing principle: Strain gauges

Weighing principle: Electromagnetic force compensation
Coil inside a permanent magnet.

Analytical balances, Series 5134 INT and 5134 EX

1| Electromagnetic force compensation technology
2| Aluminum alloy die cast base and mains and stainless steel pan
3| Glass windshield with lateral and upper sliding doors
4| Height adjustable feet and bubble level for a correct levelling of the balance
5| Easy to read LCD display with backlit
6| Internal (series 5134 INT) or external (series 5134 EX) calibration; external calibration weight included
7| Full capacity taring
8| Hook for below weighing
9| Selectable measure units: g, mg, ct, oz
10| Piece counting function with selection of the reference number of pieces
11| Percentage function
12| Possibility of selection of different sensitivity levels and weighing speed to adapt to environmental conditions
13| Overload protection
14| RS232 and USB outputs

Model		
Series 5134 EX; External calibration	KBF001	KBF003
Series 5134 INT; Internal calibration	KBF002	KBF004
Accuracy	Class I	
Capacity máx.	120 g	220 g
Capacity min.	10 mg	10 mg
Division	0.0001 g	
Verification scale value	0.001 g	
Repeatability	±0.0002 g	
±0.5e	0≤m≤50000	
±1.0e	50000<m≤200000	
±1.5e	200000<m	
Stabilization time	≤8 seconds	
Operating temperature	17.5ºC~22.5ºC, fluctuation range<1ºC/h	
Relative humidity (RH)	50%~75%	
Pan size	Ø 80 mm	
Windshield	225x220x265 mm(L*A*H)	
Total dimensions	340x215x350 mm(L*A*H)	
Peso neto	7.2 kg	
Power	AC110-220V 50Hz / DC9V-2.2A	

NAHITA-BLUE LABORATORY BALANCES
SERIES 5134, 5133, 5173, 5172, 5162, 5171 y 5161

Note: Manufacturer reserves the right to modify features and photographies of hte goods.

Precision balances, Series 5133

1| Electromagnetic force compensation technology
2| Aluminum alloy die cast base and mains and stainless steel pan
3| Glass windshield with lateral and upper sliding doors
4| Height adjustable feet and bubble level for a correct levelling of the balance
5| Easy to read LCD display with backlit
6| External calibration; calibration weight included
7| Full capacity taring
8| Hook for below weighing
9| Selectable measure units: g, mg, ct, oz
10| Piece counting function with selection of the reference number of pieces
11| Percentage function
12| Possibility of selection of different sensitivity levels and weighing speed to adapt to environmental conditions
13| Overload protection
14| RS232 and USB outputs

Model	KBD001	KBD002	KBD003
Precisión Clase	II	II	I
Capacity máx.	100g	300g	500g
Capacity min.	20mg	20mg	20mg
Division		0.001g	
Verification scale value		0.01g	
Repeatability		±0.001g	
±0.5e		0≤m≤5000	
±1.0e		5000<m≤20000	
±1.5e		20000<m	
Stabilization time		≤5 seconds	
Operating temperature		15ºC~30ºC, fluctuation range<5ºC/h	
Relative humidity (RH)		40%~80%	
Pan size		Ø 90mm	
Windshield		225x220x265 mm (L*A*H)	
Total dimensions		340x215x350 mm(L*A*H)	
Peso neto		7.2kg	
Power		AC110-220V 50Hz DC9V-2.2A	

Precision balances, Series 5173

1| High precisión loadcell
2| Aluminum alloy die cast base and mains and stainless steel pan
3| Glass windshield with lateral and upper sliding doors
4| Height adjustable feet and bubble level for a correct levelling of the balance
5| Easy to read LCD display with backlit
6| External calibration; calibration weight included
7| Full capacity taring
8| Hook for below weighin
9| Selectable measure units: g, ct,oz, lb, ozt
10| Piece counting function with selection of the reference number of pieces
11| Overload protection
12| RS232 and USB outputs

Code	KBD004	KBD005
Capacity máx. (g)	0-100	0-300
Tare range (g)	100	300
Readability (g)	0.001	0.001
Repeatability (g)	± 0.002	± 0.002
Linearity (g)	± 0.002	± 0.002
Corner error (g)	± 0.002	± 0.002
Stabilization time	1-1.5 seconds	
Operating temperature	5-35ºC	
Relative humidity (RH)	50-85%	
Pan size (mm)	90 mm	
Dimensiones (LxAxH)	295x192x280 mm	
Power	AC 220-240V / 50 Hz	

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SERIES 5134, 5133, 5173, 5172, 5162, 5171 y 5161

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Precision and electronic balances, Series 5172 and 5171

1| High precision loadcell
2| Full plastic housing and stainless steel pan
3| Height adjustable feet
4| Simple 5 key menu for easy operation
5| Superbright easy to read LCD display with backlit
6| Overload indicator on display
7| Automatic calibration with external weight (weight included in models with capacity up to 1000 g)
8| Full capacity taring
9| Hook for below weighing
10| Selectable measure units: g, oz, ct, lb
11| Piece counting function with selection of the reference number of pieces
12| Overload protection
13| Power adapter supplied as standard
14| Possibility of working with batteries or connected to the power supply
15| Stabilization time 1-1.5 seconds

NOTE: *Round* pan size up to 2000 g

NOTE: *Square* pan size from 2000 g to 5000 g

SERIES 5172

Code	KBC005	KBC006	KBC007	KBC008	KBC009
Capacity max. (g)	300	500	1000	3000	5000
Tare range (g)	0 - 300	0 - 500	0 - 1000	0 - 3000	0 - 5000
Readability	0.01				
Pan size (mm)	135 mm (round)			155x143 mm (square)	
Dimensiones (LxAxH)	265x200x80mm				
Power	AC110-220V / DC 7.5V				

SERIES 5171

Code	KBB008	KBB009	KBB010	KBB011
Capacity max. (g)	1000	2000	3000	5000
Tare range (g)	0 - 1000	0 - 2000	0 - 3000	0 - 5000
Readability	0.1			
Pan size (mm)	135 mm (round)	155*143mm (square)		
Dimensiones (LxAxH)	265x200x80mm			
Power	AC110-220V / DC 7.5V			

Precision and electronic balances, Series 5162 and 5161

1| High precision loadcell
2| Full plastic housing and stainless steel pan
3| Height adjustable feet
4| Simple 4 key menu for easy operation
5| Easy to read LCD with backlit
6| Overload display indicator
7| Low or charged battery display indicator
8| External calibration (weight included in models with capacity up to 1000 g)
9| Full capacity taring
10| Selectable measuring units: g, kg, ct, T, TAR, dr, PKT, GN, TMR, gsm, tlJ, mo, dwt, oz, lb, tlT, ozt, tlH, %.
11| Piece counting function with selection of the reference number of pieces
12| With built-in rechargeable battery; Lock/Unlock battery switch
13| Power adapter supplied as standard

REF.: KBC001

REF.: KBB004

SERIES 5162

Code	KBC001	KBC002	KBC003	KBC004
Capacity máx. (g)	300	500	1000	2000
Tare range (g)	0-300	0-500	0-1000	0-2000
Readability	0.01			
Pan size (mm)	120*155mm			
Dimensiones (LxAxH)	280x180x80mm			
Power	AC110-220V / DC 7.5V			

SERIES 5161

Code	KBB004	KBB005	KBB006	KBB007
Capacity máx. (g)	1000	2000	3000	5000
Tare range (g)	0-1000	0-2000	0-3000	0-5000
Readability	0.1g			
Pan size (mm)	143*192mm			
Dimensiones (LxAxH)	280x180x80mm			
Power	AC110-220V / DC 7.5V			

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