



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 SERIES 5134 EX

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



Technical specifications

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	17.5°C ~ 22.5°C, fluctuation range < 1°C/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		