



5148 Series and 5149 series scales

Nahita Blue 5148 Series and 5149 Series precision balances are designed to provide highly accurate and reliable measurements in laboratories, industries and environments where rigorous weight control is required. Their advanced technology guarantees stability, fast response and ease of use.

Series available:

- 5148 Series: precision 0.001 g
- 5149 Series: precision 0.0001 g

1

Resistant structure:

Manufactured with a robust ABS upper body and metal side supports, providing durability and resistance to continuous use. Incorporates a glass hood with three doors to reduce external interference

2

Guaranteed stability:

Equipped with a spirit level at the front and height adjustable feet.

3

Large weighing surface:

Incorporates a large, corrosion-resistant, easy-to-clean stainless steel weighing pan.

4

High visibility display:

High contrast backlit LCD display for clear reading in all lighting conditions. 20 mm high digits.

5

Guaranteed accuracy:

Models with external or internal calibration system, always ensuring reliable measurements, and linear calibration option.

6

High precision weighing technology:

Equipped with a highly sensitive electromagnetic sensor, guaranteeing accurate measurements and fast response to weight variations.

7

Weighing safety:

They include automatic detection by default and an overload protection system, preventing damage due to excess weight.

8

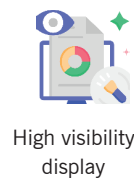
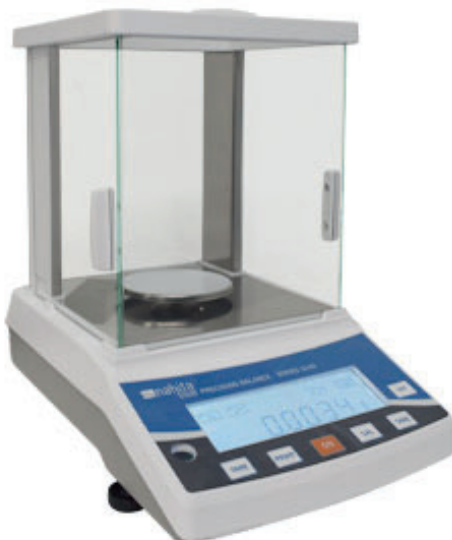
Optimised connectivity:

RS232 interface for easy integration to PC or printer.

9

Advanced functions:

Change of weighing units (g/ct/oz/mg) and piece counting and percentage calculation functions.



High visibility display



Resistant structure



High precision technology

Includes:

- Calibration weight (only on models with EXT calibration, except KBD023)
- Glove for weight handling
- Bottom weighing hook
- Power supply
- RS232 cable



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5148 Series. Precision 0.001 g

Code KBD021, KBD022, KBD023, KBD024

Code	KBD021	KBD022	KBD023	KBD024
Calibration	EXT	INT	EXT	INT
Capacity (g)	520		1000	
Calibration weight (g)	200 (F1) (included)	-	500 (not included)	-
Weights required in linear calibration (g)	250, 500		500, 1000	
Readability (g)	0.001			
Repeatability (g)	± 0.002			
Linearity (g)	± 0.002			
Units/Functions	g/ct/oz/mg/pcs/%			
Stabilisation time (s)	≤ 3			
Preheat time (min)	20-30			
Interface	RS232			
Plate size (mm)	Ø 90			
Approx. dimensions (mm)	340x215x330			
Weight (kg)	5.5			
Power supply	100-240 VAC 50/60 Hz			

5149 Series. Precision 0.0001 g

Code KBF016, KBF017, KBF019, KBF019, KBF020, KBF021

Code	KBF016	KBF017	KBF018	KBF019	KBF020	KBF021
Calibration	EXT	INT	EXT	INT	EXT	INT
Capacity (g)	120		220		320	
Calibration weight (g)	100 (F1)	-	200 (F1)	-	200 (F1)	-
Weights required in linear calibration (g)	50, 100		100, 200		150, 300	
Readability (g)	0.0001					
Repeatability (g)	± 0.0002					
Linearity (g)	± 0.0002					
Units/Functions	g/ct/oz/mg/pcs/%					
Stabilisation time (s)	≤ 3					
Preheat time (min)	20-30					
Interface	RS232					
Plate size (mm)	Ø 90					
Approx. dimensions (mm)	340x215x330					
Weight (kg)	5.5					
Power supply	100-240 VAC 50/60 Hz					

* Included