



swing-out rotor  
centrifuge  
**MULTIBAS+**



nahita  
BLUE MULTIBAS+ CENTRIFUGE

Rotor 500 l  
Acc Dec  
P10

Set: 5000 rpm  
Speed 0  
Set: 4980.0  
Rcf 0

Set: 00:05:00  
Time 00:05:00  
Temp 20.6 °C  
U2.0

Play button, Stop button, and a rotary knob are also visible on the panel.



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The new model of centrifuge Multibas+ has been developed from Multibas model with improvements in rotor design for a higher safety during centrifugation and with the possibility of using an optional rotor for centrifugation of recipients of 250 mL increasing the applications of the equipment.

Thus, Multibas+ centrifuge is a high capacity bench-top swing-out rotor model especially aimed for its use in several fields such as medicine, biology, veterinary, chemistry, genetic engineering or immunology. Thanks to the multiple adapters that can be used, this centrifuge offers a high versatility of use thus being an essential equipment for routine laboratory tasks.

## centrifuge MULTIBAS+ features



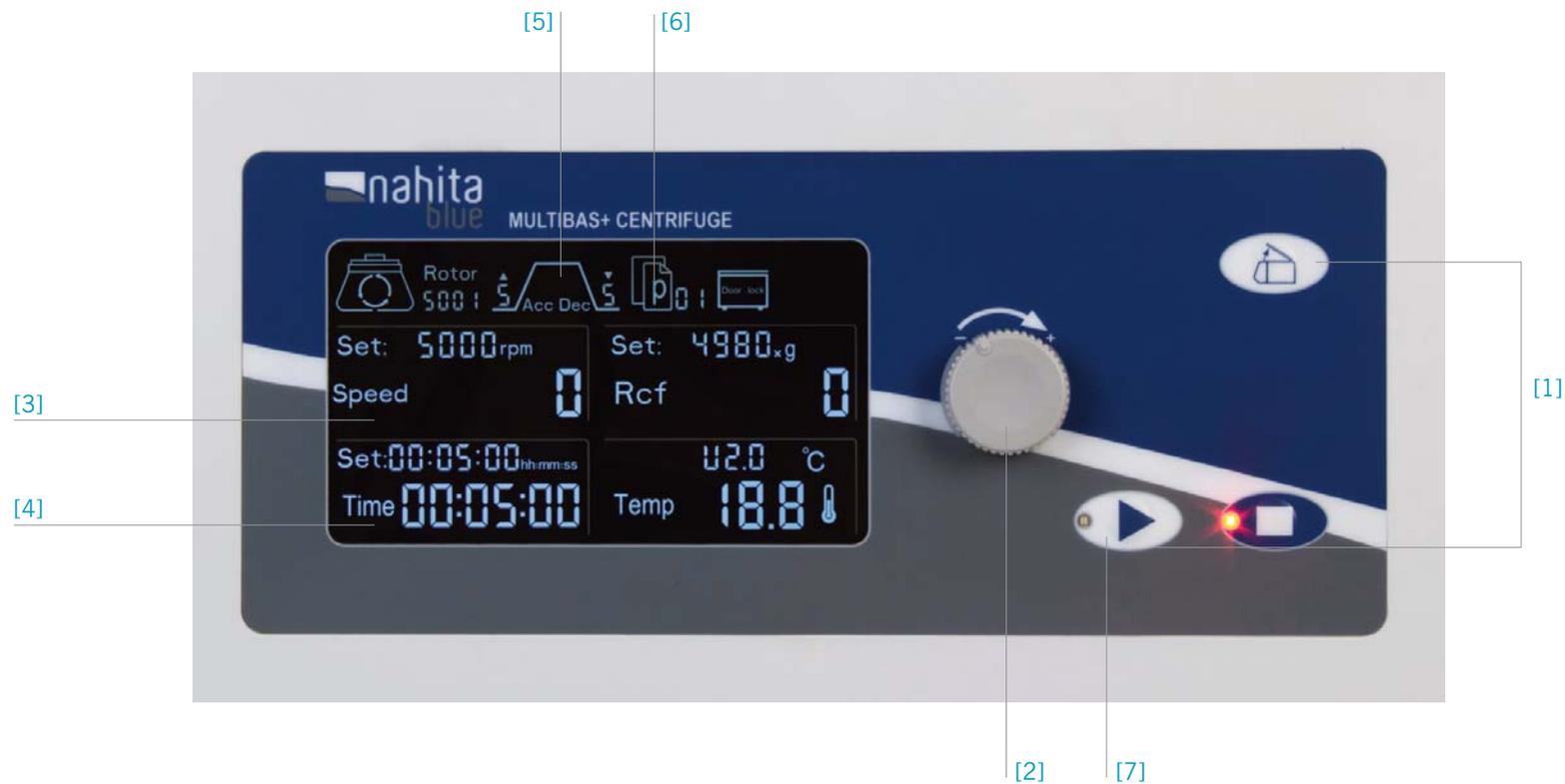
- Manufactured with the most advanced technology to assure a large durability and accurate control of the centrifugation conditions
- Microprocessor controlled digital electronic circuits for an accurate and reliable control of speed, time and RCF
- Maintenance-free induction motor
- Large back-lit LCD display for an easy adjustment and visualization of centrifugation parameters
- Easy-to-use; provided with a multifunctional single button to set all parameters
- Supplied with swing-out rotor that can be used with a wide range of available adapters (not included) for different type of tubes; it is also available a rotor for microtiter plates and a rotor for recipients of 250 mL.
- All swing-out rotors and adapters are autoclavable.
- Low noise level  $\leq 65$  dB
- Alarm at the end of centrifugation and in case of detection of error
- Air circulation system to avoid an excessive increase in temperature inside the centrifuge cabinet.
- Electronic opening of the lid or manual in case of main supply failure

centrifugeMULTIBAS+

## centrifuge MULTIBAS+ design



- Robust and stable design that meets safety requirements
- External case made of high quality ABS plastic with base made of steel and large sucker feet to assure a high stability of the equipment during operation
- Inner chamber made of stainless steel and steel safety chamber between inner chamber and external case.
- Electromechanical lock to avoid opening the lid during operation and safety mechanism that avoids operation if the lid is open
- Protection system that stops centrifugation in case of over speed
- Lid with metallic base and suspension mechanism; provided with peephole to see the inner chamber
- Temperature probe to control microprocessor temperature



[1] Start, stop and lid open buttons

[2] Multifunction single button to select and adjust all parameters

[3] Possibility of programming speed (rpm) or RCF (xg)

[4] Timer up to a maximum of 1 h 59' 59"

[5] 10 acceleration rates y 10 deceleration rates to adapt to all kind of samples

[6] Memory for up to 9 programs

[7] Short-spin function

Reference	GNC001
Model	Multibas+
Rotor	Swing-out
Max. speed	5000 rpm
Max. RCF	4980 xg
Timer	1h 59' 59"
Short spin function	Yes
Acceleration rates	0-9 (< 35 s from zero to max. speed)
Deceleration rates	0-9 (< 30 s from max. speed to zero)
Programs	9
Noise	≤ 65 dB
Power	CA 230 V, 50-60 Hz, 10 A
Dimensions (LxWxH)	59x47x35 cm
Weight	32 Kg

## ■ Adapters for swing-out rotor

Reference	Capacity	Tubes (ØxL)	Max. speed	Max. RCF
GNP003	4x100 mL	42x100 mm	5000 rpm	4600 xg
GNP004	4x50 mL	Falcon type (30x117 mm)	5000 rpm	4980 xg
GNP005	8x50 mL	Falcon type (30x117 mm)	4000 rpm	3040 xg
GNP006	24x15 mL	Falcon type (16.5x120 mm)	4000 rpm	3040 xg
GNP007	32x15 mL	Falcon type (16.5x120 mm)	4000 rpm	3040 xg
GNP008	48x7 mL	Blood extraction tube (13x100 mm)	4000 rpm	3040 xg
GNP009	72x7 mL	Blood extraction tube (13x75 mm)	4000 rpm	3040 xg

## ■ Swing-out rotor for microtiter plates

Reference	Capacity	Max. speed	Max. RCF
GNP010	4 microtiter plates	3500 rpm	2120 xg

## ■ Swing-out rotor for recipients of 250 mL

Reference	Capacity	Max. speed	Max. RCF
GNP002	4x250 mL	5000 rpm	4700 xg

