



## Low-speed centrifuge

### Code GLC006

The low speed, high capacity centrifuge GLC006 combines powerful functions, high versatility, being able to use both angular and swing out rotors, with a maximum capacity of up to 450 mL (30x15 mL), being specially designed to use 15 and 50 mL tubes.

It is easy to operate and incorporates the latest control technology, proven quality and superior performance.

It is widely used in clinical biochemistry, haematology, immunology and clinical practice and all applications where a significant amount of centrifugation is required.

Especially suitable for research, molecular biology and routine laboratory analysis in experimental research on genetics, proteins, nucleic acids and PCR products, where temperature control is not critical.

- LCD display with glossy black background and white lettering.
- The rotary knob on the control panel allows you to change parameter values quickly.
- FLASH key for short cycles.
- Electrically controlled double locking lid.
- Cooling by forced ventilation.



- Automatic rotor recognition.
- Detection of imbalance.
- Speed setting in rpm or FCR.
- Maintenance-free, brushless DC variable frequency motor with a speed range of 100-6000rpm and an accuracy of  $\pm 20$ rpm.
- The motor is controlled by an advanced and reliable sine wave vector FOC system that can precisely control speed, time and relative centrifugal force.
- The high quality materials of the centrifuge and the rotors can resist chemical corrosion caused by different substances. Autoclavable rotors.
- It can store 30 customised programmes.
- With multiple acceleration and braking ramps to meet different experimental requirements.
- Safety system in case of speeding.

## Technical specifications

Code	GLC006
Model	2831
Speed	100~6000 rpm (10 rpm increment)
FCR	5350×g (Increase of 10×g)
Timer	1-99 hours/1-59 minutes/1-59 seconds. Accuracy $\pm 1$ second
Max. Capacity	450 mL (15mLX30)
Weight	26 Kg
Dimensions	450x365x315 mm
Feeding	AC220 V / 50 Hz
Consumption	350 W



## Swing out rotors



Swing out rotor | GLH013  
4000 rpm/2736 ×g



Tube holder | GLK043  
100 mL×4  
4000 rpm/2720 ×g



Tube holder | GLK044  
50 mL×4  
4000 rpm/2665 ×g



Tube holder | GLK045  
15 mL×8  
4000 rpm/2736 ×g

## Rotors- bottom pads



Angle rotor | GLK041  
15 mL×12  
6000 rpm/5350 ×g



Angle rotor | GLH014  
15 mL×24  
5000 rpm/3690 ×g



Angle rotor | GLH015  
15 mL×30  
5000 rpm/40500 ×g



Angle rotor | GLH016  
20 mL×12  
5000 rpm/3800 ×g



Angle rotor | GLH017  
50 mL×6  
6000 rpm/4346 ×g



Microplate rotor | GLH018  
2 Microplacas ×2×96  
4000 rpm/1770×g



Bottom pad | GLK012  
15 mL



Bottom pad | GLK013  
50 mL

## Compatibility of accesories

Code	Description	Tubes required	Used in	Including
<b>GLC006</b>				
GLH013	Swing out rotor	-	Centrifuge	Yes
GLK043	4x100 mL tube holder set	PP, round bottom with lid	GLH013	No
GLK044	Tube holder set 4x50 mL	PP, round/conical bottom with lid	GLH013	No
GLK045	Tube holder set 8x15 mL	PP, round/conical bottom with lid	GLH013	No
GLK041	Angle rotor 12x15 mL	PP, round/conical bottom with lid	Centrifuge	No
GLH014	Angle rotor 24x15 mL	PP, round/conical bottom with lid	Centrifuge	No
GLH015	Angle rotor 30x15 mL	PP, round/conical bottom with lid	Centrifuge	No
GLH016	Angle rotor 12x20 mL	PP, round bottom with lid	Centrifuge	No
GLH017	Angle rotor 6x50 mL	PP, round/conical bottom with lid	Centrifuge	No
GLH018	Microplate rotor	Two microplates x 2 x 96 wells	Centrifuge	No
GLK012	Bottom pad for 15 mL tubes	PP, conical bottom with lid	GLK045, GLK041, GLH014, GLH015	No
GLK013	Bottom pad for 50 mL tubes	PP, conical bottom with lid	GLK044, GLH017	No

## RECOMMENDED TUBES

### Falcon Type 15 mL

BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD029,  
BGD030, BGD031, BGD032, BGD033, BGD039

### Falcon Type 50 mL

BGD011, BGD026, BGD034, BGD040, BGD072, BGD085, BGD086,  
BGD087