



## MiniFuge-GD06 Centrifuge, variable speed

### Code GDC006

The mini centrifuge adopts international advanced design concepts and manufacturing technology, with smooth and attractive appearance, compact and stable structure, adhering to the advantages of high versatility and easy operation. It also has the functional features of "soft start" and "soft braking". This mini centrifuge is very suitable for the filtration of microtubes and rapid centrifugation, blood cell separation, microbial sample processing, PCR experiment centrifugation. It is the first choice for small batch centrifugation sample processing.

- It cannot operate if the lid is open.
- Reduced size.
- Ergonomically designed lid and intuitive opening.
- Visible transparent top cover.
- Compact size.

- It adopts advanced and reliable PI scheme of full-range high-frequency power control, is in line with the world's power grid power supplies. Through the regulation 16-bit PWM speed control MCU operation, it can more accurately control the voltage, current, speed and effective centrifugal time, ensuring that it can prolong the service life and electromagnetic noise of the motor in severe use environments.
- A reliable and durable DC induction motor with a wider speed range of 500-12000rpm and an accuracy of  $\pm 9\%$ .
- Step-by-step spin speed adjustment up to 500rpm, with an effective spin time range of 1-8 minutes or 1-59 seconds.
- Faster acceleration/deceleration rate needed to complete the experiment in less time.
- The high-strength materials of the equipment and the rotating rotor can resist chemical corrosion and the autoclavable rotating rotor.



## Technical specifications

Code	GDC006
Model	GD06
Speed	500~12000 rpm $\pm 9\%$ (500 rpm increment)
FCR	9660 $\times g$
Timer	1-8 minutes/1-59 seconds
Capacity	See rotor capacity
Weight	1.6 Kg
Dimensions	194 $\times$ 229 $\times$ 120 mm
Feeding	100-250 V / 50-60 Hz
Consumption	60 W



## Angular rotors



PCR rotor : GDF008  
1.5/2 mL×12+0.2 mL×8×4  
12000 rpm/9500 ×g



PCR rotor : GDF012  
0.2 mL×12×4  
12000 rpm/5960 ×g



Angle rotor : GDF011  
5 mL×4  
12000 rpm/9660 ×g



Rotor 4 cryotubes | GDF006  
5/1.8/1.1mL×4  
7000 rpm/3180×g



Microhematronic rotor |  
GDF005  
20 ul×12  
12000 rpm y 8371×g  
Capillary length 40 mm

## Accessories including



Adapter : GDF001  
0,2 mL tubes



Adapter : GDF002  
0,5 mL tubes



Adapter : GDF017  
1.1/1.8 mL



Microhematocrit capillaries  
reading card | GDF018\*

## Compatibility of accessories

Code	Description	Tubes required	Used in	Including
<b>GDC006</b>				
GDF008	PCR rotor, 12x1,5/2 mL + 32x0,2 mL	PP round/conical bottom with lid	Centrifuge	Yes
GDF012	PCR rotor, 4 x 12 x 0.2 mL strips	PP conical bottom with lid	Centrifuge	Yes
GDF011	Angle rotor 4 x 5 mL	PP conical bottom with lid	Centrifuge	Yes
GDF006	Rotor 4 cryotubes 5 mL	PP threaded standpipe	Centrifuge	Yes
GDF005	Micro haematocrit rotor	Capillary tube Ø 1,5 mm × L40 mm	Centrifuge	Yes
GDF002	Microtube adapter 0.5 mL, series 2507	PP conical bottom with lid	GDF008	Yes
GDF001	Microtube adapter 0.2 mL, series 2507	PP conical bottom with lid	GDF008	Yes
GDF017	Adapter for 1.1/1.8 mL tubes	PP threaded standpipe	GDF006	Yes
GDF018	Capillary reading micro haematocrit	-	GDF005	Yes

## RECOMMENDED TUBES

0.2 mL microtubes	BGN003, BGN026
0.5 mL microtubes	BGN004
2 mL microtubes	BGN025
1.5 mL microtubes	BGN005, BGN011, BGN012, BGN013, BGN014, BGN015, BGN027
8×0.2 mL microtube strip	BGN006
5 mL Eppendorf type tube	BGN029
Capillaries haematocrit	ZMB048