



Centrifuge for microtubes, MiniFuge-GD06

Code GDC006

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

- Compact size
- Ergonomically designed lid with intuitive opening
- Visible transparent top cover
- Compact size

- It adopts an advanced and reliable full-range high-frequency power control PI scheme, in line with power sources from electrical grids worldwide. Through 16-bit PWM speed regulation of the operating MCU, it can more accurately control voltage, current, speed, and effective centrifuge time, ensuring the extension of motor lifespan and electromagnetic noise reduction in harsh usage environments.
- A reliable and durable DC induction motor with a wider speed range of 500-12000rpm and an accuracy of $\pm 9\%$.
- Stepwise centrifuge speed adjustment up to 500rpm, with an effective centrifuge time range of 1-8.
- Faster acceleration/deceleration speed, necessary for completing experiments in less time.
- The high-strength materials of the equipment and the rotor head can withstand chemical corrosion, and the rotor head is autoclavable.



Technical specifications

Code	GDC006
Model	GD06
Speed	500~12000rpm $\pm 9\%$ (steps of 500 rpm)
FCR	9660 $\times g$
Timer	1-8 minutos
Capacity	Check the capacity of the rotors
Weight	1.6 Kg
Dimensions	194 \times 229 \times 120 mm
Power	100-250V/50-60 Hz
Consumption	60 W



Compatible rotors



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



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



Angular rotor | GDF011
5 mL×4
12000rpm/9660×g



Cryotubes rotor | GDF006
5/1.8/1.1mL×4
7000rpm/3180×g



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

Accessories included



Adapter for microtubes | GDF001
Tubos 0,2mL



Adapter for microtubes | GDF002
Tubos 0,5mL



Adapter | GDF017
1.1/1.8mL



Microhematocrit capillaries reading card | GDF018

Compatibility Accessories

Code	Description	Required tubes	Used in	Included
GDF008	PCR rotor, 12x1,5/2 mL + 32x0,2 mL	PP round/conical bottom with lid	Centrifuge	Yes
GDF012	PCR rotor, 4 tiras de 12 x 0,2 mL	PP conical bottom with lid	Centrifuge	Yes
GDF011	Angular rotor 4 x 5 mL	PP conical bottom with lid	Centrifuge	No
GDF006	Rotor 4 cryotubes 5 mL	PP threaded vertical tube	Centrifuge	No
GDF005	Microhematocrit roto	Capillary tube: Ø 1,5 mm × L40 mm	Centrifuge	No
GDF002	Microtubes adapter 0.5 mL, series 2507	PP conical bottom with lid	GDF008	Yes
GDF001	Microtubes adapter 0.2 mL, series 2507	PP conical bottom with lid	GDF008	Yes
GDF017	Tubes adapter of 1.1/1.8mL	PP threaded vertical tube	GDF006	Yes
GDF018	Microhematocrit capillaries reading card	-	GDF005	Yes

RECOMMENDED TUBES

Microtubes of 0,2 mL	BGN003, BGN026
Microtubes of 0,5 mL	BGN004
Microtubes of 2 mL	BGN025
Microtubes of 1,5 mL	BGN005, BGN011, BGN012, BGN013, BGN014, BGN015, BGN027
Strip of microtubes of 8×0,2 mL	BGN006