



FastGene® Mini Centrifuge

Cat.No.: NG002B Mini Centrifuge with a blue lid

Cat.No.: NG002R Mini Centrifuge with a red lid

Cat.No.: NG002G Mini Centrifuge with a green lid



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GENERAL INFORMATION

FastGene® Mini Centrifuge is supplied with two rotors. The 6 x 1.5 ml rotor is designed to centrifuge up to six individual 1.5 ml plastic micro centrifuge tubes. It will also accept 0.5 ml tubes and 0.2 ml tubes with the adapters supplied with the unit. The second rotor is designed for 0.2 ml PCR strips.

The rotors are designed for applications requiring relatively low g-forces, such as micro filtration, cell separation and quick spin downs from the walls of tubes. Please read this manual thoroughly before attempting to operate the centrifuge.

COMPONENTS AND SPECIFICATION

FastGene® Mini Centrifuge	NG002B	NG002R	NG002G
6 x 1.5 / 2.0 ml angle rotor	1	1	1
Adaptors for 0,5 ml tubes	6	6	6
Adaptors for 0,2 ml tubes	6	6	6
2 x 8 x 0.2 ml strip rotor	1	1	1
Slide rotor	1	1	1
Power requirement	100-240 V ~ 0,5 A	100-240 V ~ 0,5 A	100-240 V ~ 0,5 A
Centrifugal Force	2,000 xg	2,000 xg	2,000 xg
Speed	6,000 rpm	6,000 rpm	6,000 rpm
Dimensions (W x D x H)	175 x 148 x 118 mm	175 x 148 x 118 mm	175 x 148 x 118 mm

HOW TO ASSEMBLE / DISASSEMBLE THE ROTOR

The centrifuge is supplied with one rotor. The rotor may be easily exchanged using the alien wrench provided. Locate the setscrew on the rotor shaft below the rotor head. Using the wrench, loosen the setscrew and pull up vertically on the rotor to remove. Place the new rotor in position on the motor shaft. Take care not to press the rotor down so far as to compress the rubber collar at the base of the shaft. Tighten the screw using the alien wrench until finger tight. Do not over tighten, as this will cause damage to the rotor and the motor shaft.

OPERATION

Before operating the centrifuge, be sure that the power switch is in the "on" position. To begin a run, simply close the lid of the centrifuge. No other controls are required. To stop rotation, press down on the lid release tab on the front of the unit. This will release the lid lock and the rotor will slow down gradually to a complete stop in a few seconds.

Caution: Do not attempt to open the lid or remove samples until the unit has come to a complete stop. After the rotor has stopped, the lid may be opened by grabbing it with the thumb on the front and fingers on the back then lifting the lid back on the hinge. Safe operation of the centrifuge requires that the rotor be loaded in a balance. Failure to load the rotor may cause a hazardous to the centrifuge. Individual tube, and/or adapter must always be loaded symmetrically to ensure proper balance. Never run the centrifuge with only one adapter or tube in the rotor.

SAFETY PRECAUTIONS

Never use the centrifuge in any manner not specified in these instructions.

Never operate the centrifuge without a rotor properly attached to the shaft.

Never fill tubes while they are in the rotor. Liquid spillage may harm unit.

Never Put hands in the rotor area unless the rotor is completely stopped.

Never move the centrifuge while the rotor is running.

Never use solvents or flammables near this or other electrical equipment.

Never centrifuge flammable, explosive or corrosive materials

Never centrifuge hazardous materials outside of a hood or proper containment facility

Always load the rotor symmetrically. Each tube should be counter balanced by another tube. Weight of individual tubes may not exceed of 3.0 g.

Always locate the centrifuge within easy access to an electrical outlet.

Always use only micro centrifuge tubes made from plastic and designed to withstand centrifugal forces of at least 2,000g.

ORDERING INFORMATION

Product	Cat.No.
FastGene® Mini Centrifuge Blue Lid	NG002B
FastGene® Mini Centrifuge Red Lid	NG002R
FastGene® Mini Centrifuge Green Lid	NG002G
Adaptors for 0,5 ml Tubes (6)	On request
Adaptors for 0,2 ml Tubes (6)	On request
Rotor for Slides	On request
FastGene® PCR tubes domed cap (1000)	FG-021D
FastGene® PCR tubes flat cap (1000)	FG-021F
FastGene® PCR tube strips without cap (120)	FG-028
FastGene® Cap strips flat (120)	FG-008FC
FastGene® Cap strips domed (120)	FG-008DC
FastGene® PCR tube strips with flat caps (separately)	FG-016FC
FastGene® PCR tube strips with domed caps (separately)	FG-016DC
FastGene® PCR tube strips with attached domed caps	FG-088WD
FastGene® PCR tube strips with attached flat caps	FG-088WF

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