

# cubee. User manual for cubee™ Mini-Centrifuge

## General Information

The cubee™ Mini-Centrifuge contains a rotor which is driven by a motor and provides a centrifugal force to spin down liquid samples in certain containers. It is supplied with one rotor which suit for 1.5ml tubes, 0.5ml tubes and 0.2ml PCR strip tubes. It is designed for microfiltration, cell separation and quick spin downs from the walls of tubes. Please read this manual before operating the centrifuge.

## Warranty

The centrifuge and rotor are covered by a one year warranty. This warranty is void in the event of incorrect operation, use of nonstandard spare parts or accessories and unauthorized modification of the rotor or unauthorized modification of the rotor or centrifuge. The rotor warranty does not cover normal wear and tear or damage and/or weakening caused by radioactive contamination, cleaning agents. Fuses are not covered by the warranty.

## Safety Precautions

### NEVER

1. Use the centrifuge in any manner not specified in these instructions.
2. Fill tubes while they are in the rotor.
3. Put hands in the rotor area unless the rotor is completely stopped.
4. Move the centrifuge while the rotor is spinning.
5. Use solvents or flammables near this or other electrical equipment.
6. Centrifuge flammable, explosive or corrosive materials.
7. Centrifuge hazardous materials outside of a hood.

## 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 balanced fashion. Failure to load the rotor properly presents a hazardous condition and may damage the centrifuge. Individual tubes, strip tubes and/or adapters must always be loaded symmetrically to ensure proper balance. Never run the centrifuge with only one strip tube in place.

## Specification

Cat no.	aqbd-blue
Dimensions	183x151x153 mm
Speed	4700 rpm
Power supply	100-120V/200-240V, 50/60 Hz, AC
Fuse	2A, 250V

## Operation

Before operating the centrifuge, be sure that the power is switched on then simply close the lid of the centrifuge. To stop spin down, press the lid. This will release the lid lock and the rotor will slow down.

## Cleaning

Before using any cleaning or decontamination methods except those recommended by the manufacturer, check with the manufacturer that the proposed method will not damage the equipment. For cleaning, use a damp cloth and a mild, noncorrosive detergent (pH<8). After cleaning, ensure all parts are dried thoroughly before attempting to operate the unit. Do not immerse the centrifuge in liquid or pour liquids over it.

### ALWAYS

1. Load the rotor symmetrically.
2. Locate the centrifuge within easy access to an electrical outlet.
3. Use only micro-centrifuge tubes made from plastic and designed to withstand centrifugal forces of at least 2000 x g.

## Questions and Service

If you have a question about the centrifuge or require service for the unit, please contact the dealer or call numbers listed below. Do not send in a unit for service without first calling to obtain a repair authorization number and a decontamination form. Should the centrifuge require service, be sure to decontaminate it and enclose the decontamination form. The unit should be properly packed to avoid damage. Any damage resulting from improper packaging shall be the responsibility of the user.

## Distributor

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