

Costar Minicentrifuge. QuickGuide

Warnings The following precautions should be taken when operating or working near the minicentrifuge:

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 spinning. **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 counterbalanced by another tube. Weight of individual tubes may not exceed 3.0 g.

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

ALWAYS use only microcentrifuge tubes made from plastic and designed to withstand centrifugal forces of at least 2,000 xg.

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 the lid release button on the front of the unit. This will release the lid lock and the rotor will slow gradually to a complete stop.

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.

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. To clean the centrifuge, 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.