

Compact Star CS8 Centrifuge

Quick Operation Guide

EU catalogue number: 521-3345



Introduction:

Thank you for purchasing the Compact Star CS8 Lab Centrifuge.

For more information, please consult the full manual.

The centrifuge is designed for low speed applications and separations in tubes up to 15ml.

Specifications:

Max. Capacity: 8 x 15ml
 Max. Speed: 5000 RPM (3070xg)
 Speed Increment: 100 RPM
 Timer: 20 s to 99 min
 Dimensions: 295(W) x 365(D) x 210(H) mm
 Weight: 6.8 kg
 Power supply: 230V, 50-60Hz
 Power cons.: 150W
 Rotor Radius: 10.98 cm

Installation:

Place the centrifuge, on a flat and level surface nearby an electrical outlet. It should not be near a heat source or in direct sunlight.

Operation:

- Connect the power cord to the centrifuge and an outlet of the appropriate voltage. Place the power switch into the on "I" position.
- Open the lid and load your samples into the included rotor. Always ensure a balanced load (Please see the following section, **loading the Rotor**, for details.)



NEVER Attempt: to remove samples until the rotor has come to a complete stop.

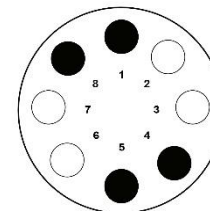
- Close the lid and set the desired time and speed (in RPM or RCF) on the digital display.
- To set the time use the ▲▼ buttons on the left side of the control panel and select the desired time
- To set the speed, use the ▲▼ buttons on the right side of the control panel. The default speed is in RPM, to toggle the speed to the RCF setting, press the ▲▼ simultaneously.
- Speed Range: 400 to 5000 RPM
- To start the centrifuge, first ensure that the rotor is fully tightened and that the lid is fully closed, then press the "START/STOP" key.
- When the time has expired, the rotor brakes to a stop, the lid will automatically open and the samples can be retrieved. At any point during the run, the centrifuge can be stopped by pressing the "START/STOP" key.

Loading the Rotor:

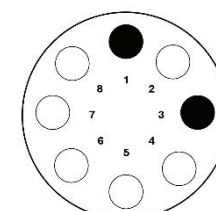
To ensure safe operation and long life of the instrument, samples must always be loaded into the rotor in a balanced fashion.

Tubes of the same volume must always be loaded symmetrically across from one another and contain the same volume of liquid. See below:

Properly Balanced balanced



NOT Properly balanced



Represents an empty position



Represents a loaded position

Emergency Lid Release:

In the event of a power failure or a problem with the operation of the lid lock: Pull the plug (placed on the lower half of the front of the housing) out of the hole and pull the string fastened to the plug until the lid releases. **NEVER** attempt to use the emergency lid release while the rotor is still spinning.

Cleaning and Maintenance:

The centrifuge rotor can be removed for cleaning by using a wrench to loosen the center set screw. The rotor can be cleaned with isopropyl alcohol or can be sterilized in an autoclave at 121°C for 20 minutes.

Contact us:

For information or technical assistance contact your local VWR representative or visit www.vwr.com.