

ULTRACENTRIFUGE



Brand : Thermo Scientific

Model : Sorvall WX Ultra 80

Brief description :

- ultracentrifugation is commonly used to purify, as well as characterize, low-molecular weight polymers up to multi-mega Dalton protein complexes and organelles.
- operates at an extremely high speed and separates smaller molecules that cannot be separated from the traditional centrifuges.
- Floor type centrifuge, refrigerated
- Swing Bucket Rotors (Surespin 630); max. speed 30,000 rpm
- Fix Angle Rotors (T-647.5); max. speed 47,500 rpm

Sample requirement :

- Max. capacity: Swing Bucket Rotors = 6x36mL
- Max. capacity: Fix Angle Rotors = 6x100mL
- Make sure that the difference between meniscus levels of sample solution in tubes or bottles is within 5 mm (0.197 in).
- To prevent tube or bottle failure, some tube and rotor combinations cannot be run to the maximum speed of the rotor when partially filled.

Limitation : Never use any materials capable of producing flammable or explosive vapors, or extreme exothermic reactions.

Location : Molecular Biology Lab, Ground Floor, J07, Institute of Biological Sciences

Person-in-charge :

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Service Charge details :

ISB's User: RM5/sample

Collaborators: RM10/sample

UM's User: RM20/sample

Outside UM's User: RM100/usage

STATUS