

CENTRIFUGE

Sr.No: 289/ 386

CENTRIFUGE

Centrifuge is an instrument used to separate solids from liquids.

PRINCIPLE

It is based on the "CENTRIFUGAL FORCE". At the time of high speed centrifugation, the centrifugal force of spinning pushes the solid particles of higher density separate out and sediment at the bottom is called as pellet or sediment. The upper part of liquid is called as supernatant.

TYPES OF CENTRIFUGE

"ELECTRICAL CENTRIFUGE"

This can be reach up to 5000 rpm. We can adjust designed speed and it is driven by electric power. It consists of 2 buckets.

PRECAUTION AND MAINTANENCE OF CENTRIFUGE

- Centrifuge must be placed on a firm table.
- The buckets or cups must be balanced in pairs.
- Check whether the tubes are suitable length, color, shape.
- The buckets must be checked and cracked or damaged. Centrifuge tubes should not be used.
- Do not run without closing; speed should be increase slowly and also decrease slowly.
- Never stop the buckets with your hand.
- Check and keep rubber cushion air in the bucket for safe safety.
- If leakage occur allow at least 1 minute for droplet to settle. Then using forceps and cotton swab/water in infected solution and remove the spill pieces.
- Use capped tubes when centrifuging pathogenic materials.
- Never stop centrifuge suddenly because it will disturb sediment.



WARNING

1. READ OPERATING INSTRUCTIONS BEFORE USE.
2. PROVIDE PROPER EARTHING.
3. FOR VIBRATION FREE PERFORMANCE
4. ENSURE LEVEL AND STABILITY
5. BALANCE CENTRIFUGAL TUBES
6. ENSURE USE OF RUBBER CUSHIONS FOR GLASS TUBES
7. BRING SPEED KNOB TO "OFF" AND INCREASE SPEED GRADUALLY
8. CHECK CARBON BRUSHES PERIODICALLY
9. CHECK GLASS FUSE FOR NON-WORKING OF UNIT.

REMI R-8C

MIN. SET TIME 8888 RPM

MAINS

