



## MICRO CENTRIFUGE

- Micro-Centrifuge is a laboratory equipment that is driven by a motor spinning liquid samples at extremely high speeds. The type of the Micro Centrifuge varies depending on the size and sample capacity. There are different Micro-Centrifuges available for different applications.
- Microcentrifuges operate on the principle of sedimentation; the denser substances are moved in the radial direction due to the centripetal acceleration and the liquid components are separated.
- There are a few simple rules to follow in order to ensure the safety of the Micro Centrifuge device while operating it.
- **WORKING PRINCIPLE:**
  - It is necessary to counter balance any tube placed in the Micro Centrifuge. This counter balancing needs to be done according to the mass and not the volume. This is required since an unbalanced Micro Centrifuge can permanently damage the device.
  - The tube for counter balancing the device is required to be placed in the opposite groove to the current one with the sample.
  - Make the appropriate setting on the Micro Centrifuge device and start it.
  - Make sure to let it complete the process before removing it; furthermore it is advisable not to touch or open the device while it is in operation
  - It can be useful in a blood bank, laboratories and even in the dairy industry.

