**Eppendorf 15 Amp Centrifuge**

Eppendorf 15 Amp Centrifuge Models 5810R and 5804R

**Models 5810R and 5804R**

** **

|  |  |
| --- | --- |
| Potential Hazards while performing these activities: | |
| Electrical Hazard | This equipment contains electrical units that may come in contact with skin or liquids. |
| Cut Hazard | This equipment contains moving parts with sharp edges. |
| Pinch Hazard | The lid of the centrifuge CLOSES AUTOMATICALLY and may pinch/crush appendages. |
| Chemical Hazard | Improperly sealed tubes or spilled liquids may atomize or vaporize in the chamber. |
| Fire Hazard | Improper use of this equipment may cause a fire hazard. |

|  |  |
| --- | --- |
| Preventions to reduce exposure to hazards: | |
| Eye Protection | Wear safety glasses while operating. |
| Protective Glove | Wear appropriate gloves for heat and chemical usage. |
| Non-Slip, Closed Shoes | Wear non-slip, closed shoes to avoid spills. |
| Read Manual | Become familiar with this guide before operating. |

|  |
| --- |
| **Note**:  Take care opening/closing the lid. It is heavy and may fall if not properly opened. Closing the lid may require pressing until the latch is engaged. |

|  |  |
| --- | --- |
| Setup Steps | Pictures |
| 1. Verify the device is plugged in and the Main Power switch is in the ON position. | C:\Users\nas\Pictures\DSCN1260.JPG |
| 1. Press the power on button located on the unit control panel. | C:\Users\nas\Pictures\DSCN1264.JPG |
| 1. Press the “OPEN” button on the unit control panel. | C:\Users\nas\Pictures\DSCN1257.JPG |
| 1. Remove swing bucket and either fill with samples or use centrifuge bottle. | C:\Users\nas\Pictures\DSCN1262.JPG |
| 1. Carefully place samples to distribute weight across entire rack. There should be even weight distributions in swing buckets across from each other. | C:\Users\nas\Pictures\DSCN1270.JPG |
| Operation | Pictures |
| 1. Place samples in bucket. THEY MUST BE COUNTERBALANCED! |  |
| 1. Close lid 90% closed. Lid will CLOSE AUTOMATICALLY. |  |
| 1. With lid CLOSED, select “TIME” or “SPEED” and use arrows to adjust. | C:\Users\nas\Pictures\DSCN1267.JPG |
| 1. For a soft start/stop, with lid closed, press “TIME” repeatedly. |
| 1. To turn Alarm ON/OFF, with lid closed press “TIME” and “SPEED” simultaneously. |
| 1. Once cycle is STOPPED, press “OPEN” to retrieve samples. | C:\Users\nas\Pictures\DSCN1269.JPG |