**Eppendorf 15 Amp Centrifuge**

Eppendorf 15 Amp Centrifuge Models 5810R and 5804R

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| 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. |

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| 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. |

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| **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. |

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| 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!
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| 1. Close lid 90% closed. Lid will CLOSE AUTOMATICALLY.
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| 1. With lid CLOSED, select “TIME” or “SPEED” and use arrows to adjust.
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| 1. For a soft start/stop, with lid closed, press “TIME” repeatedly.
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| 1. To turn Alarm ON/OFF, with lid closed press “TIME” and “SPEED” simultaneously.
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| 1. Once cycle is STOPPED, press “OPEN” to retrieve samples.
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