

Brabender Plasti-corder SOP

1. Turn on power
 - Mixer and temperature control unit
2. Program temperature settings
 - Adjust by pressing up down buttons
 - Maximum temperature of approximately 200C
3. Set mixer control to forward
 - Set analog dial to desired RPM
 - Digital display shows current RPM
4. Disassemble mixer and clean appropriately then reassemble
 - Turn mixer control to reverse for 2+ cycles to remove spindles
 - Rotate black knobbed handles to remove mixing head
 - Thoroughly clean surfaces using spatula and/or appropriate solvent
 - Reassemble by reversing above instructions

Precautions:

1. Always wear safety glasses when operating, also be aware of anyone close by to either move to a safe distance or to wear safety glasses
2. High temperatures present! Additional ppo is required if high temperature conditions present
3. Be mindful of the location of the emergency stop button
4. Risk of pinching due to rotating components
5. If using volatile chemicals or loose powders use the snorkle fume hoods
6. Be careful not to apply too much torque otherwise the sheer pin may break