



Operator's Manual

Vat Controller

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Controller Operation

- During normal operation of the water jacketed vat, a heater is used to maintain the operating temperature of the unit.
- When the indicator **O1** is illuminated, the heating unit is running.

Adjusting the Operating Temperature

- If an operating temperature other than 36.0°C is desired, take the following steps to adjust the set point.
- Press the yellow button on the left of the controller until the controller displays 'SP1.'

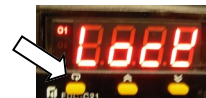


- Now press either the up or down arrow **ONCE**, this will display the set point.
- Press the up or down arrow button to change SP1 (if SP1 doesn't change, refer to the next section 'Unlocking the Controller')
- Press the up and down arrows at the same time when finished to display the current temperature.



Unlocking the Controller

- If the operating temperature cannot be adjusted as described in the previous section, it may be necessary to unlock the controller before proceeding.
- Press the yellow button on the left of the controller repeatedly until the controller displays 'Lock.'



- Press the up or down arrow buttons until 'uSEr' is displayed.



- Press both arrow buttons at the same time to display current temperature.

Auto-tuning the Controller

- Autotuning should be done upon setup when the water-jacket is full and has reached operating temperature.
- With the controller unlocked, press the left button repeatedly until "A-T" is displayed.
- Press and hold the left button until A-T starts flashing. Leave the controller alone until it stops.

