

# TFTBREW

## Brewzone 2018

An Arduino Mega2560 PID controller

Which uses

320\*480 TFT LCD Touchscreen

2 \* MAX31865

2 \* PT100

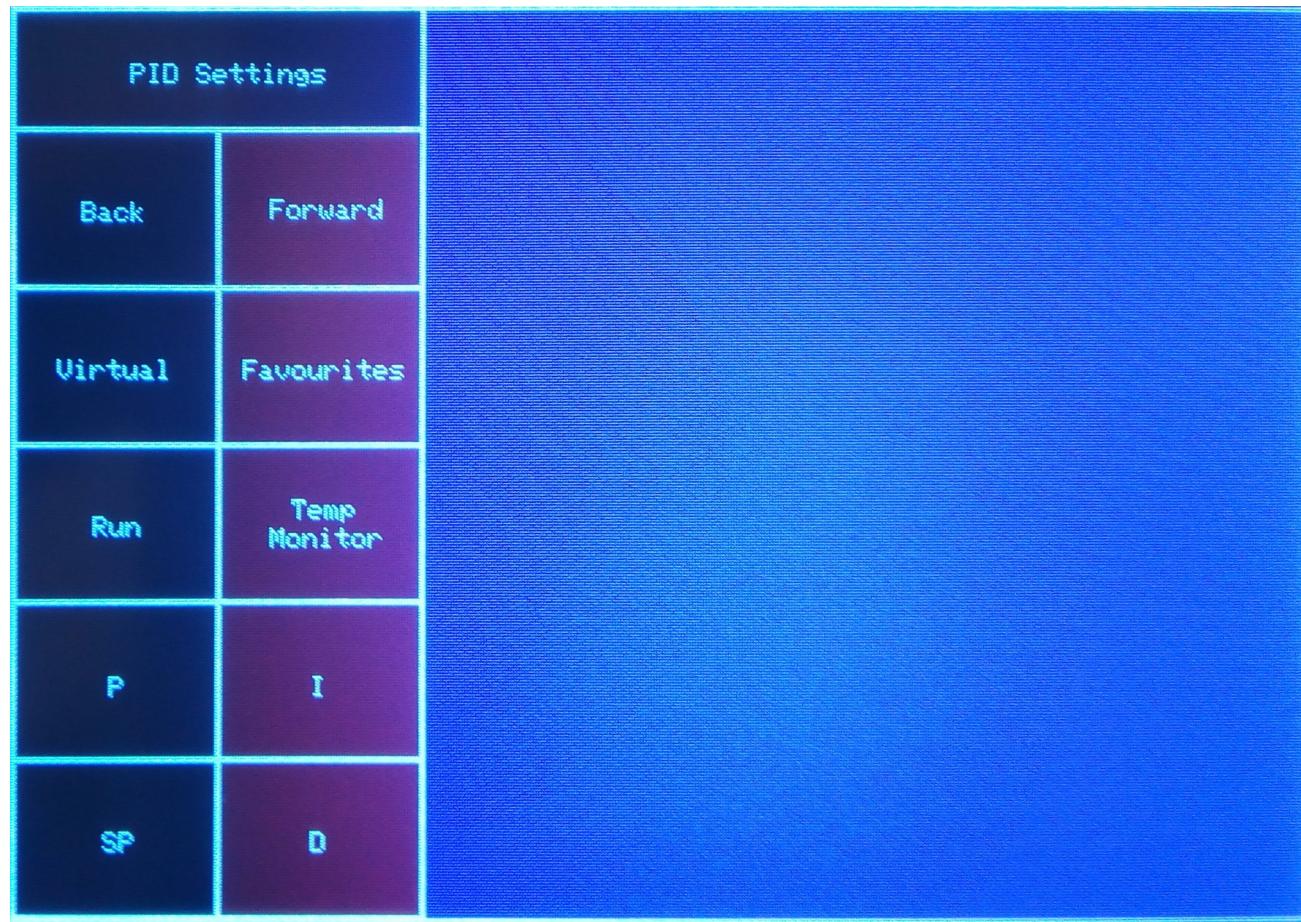
# Boot Screen



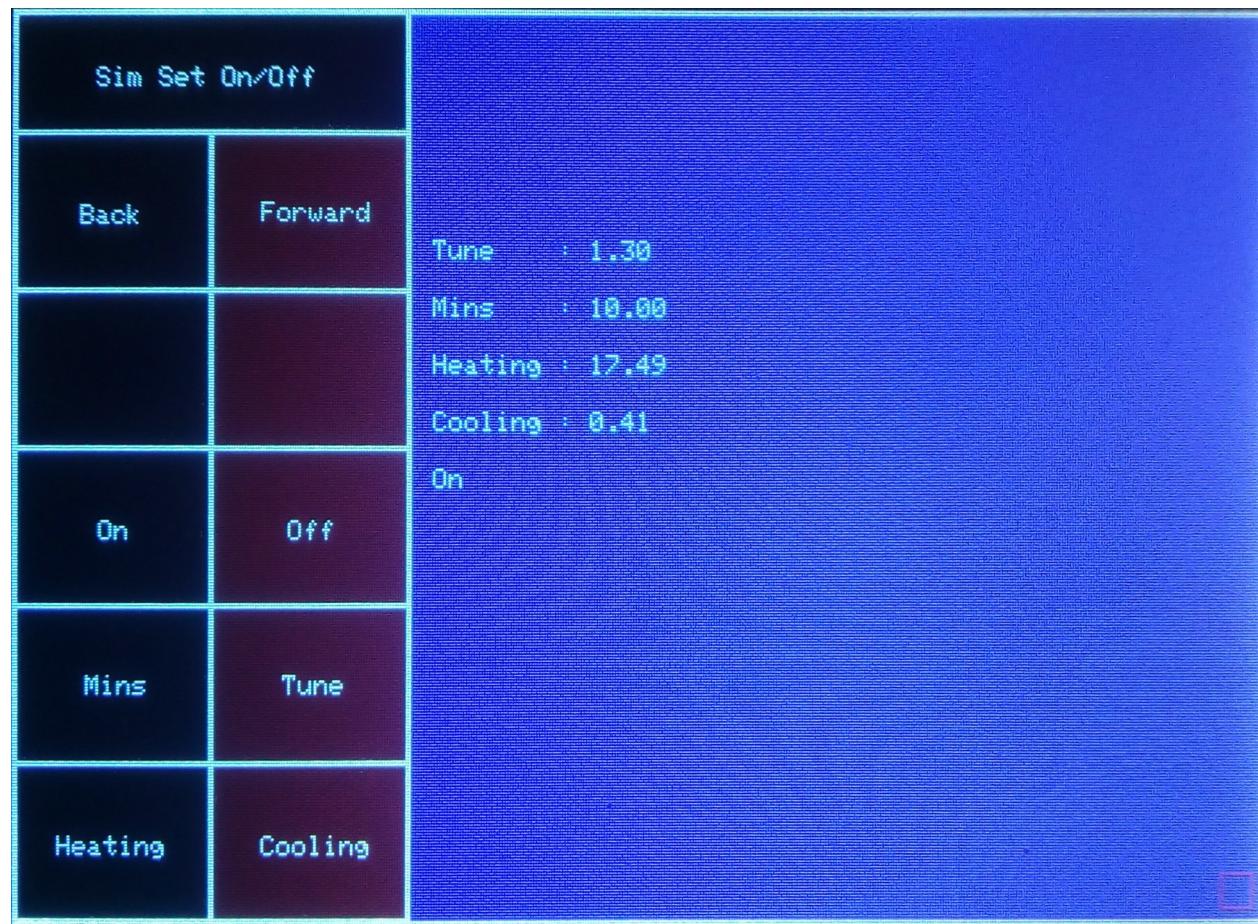
# Logging



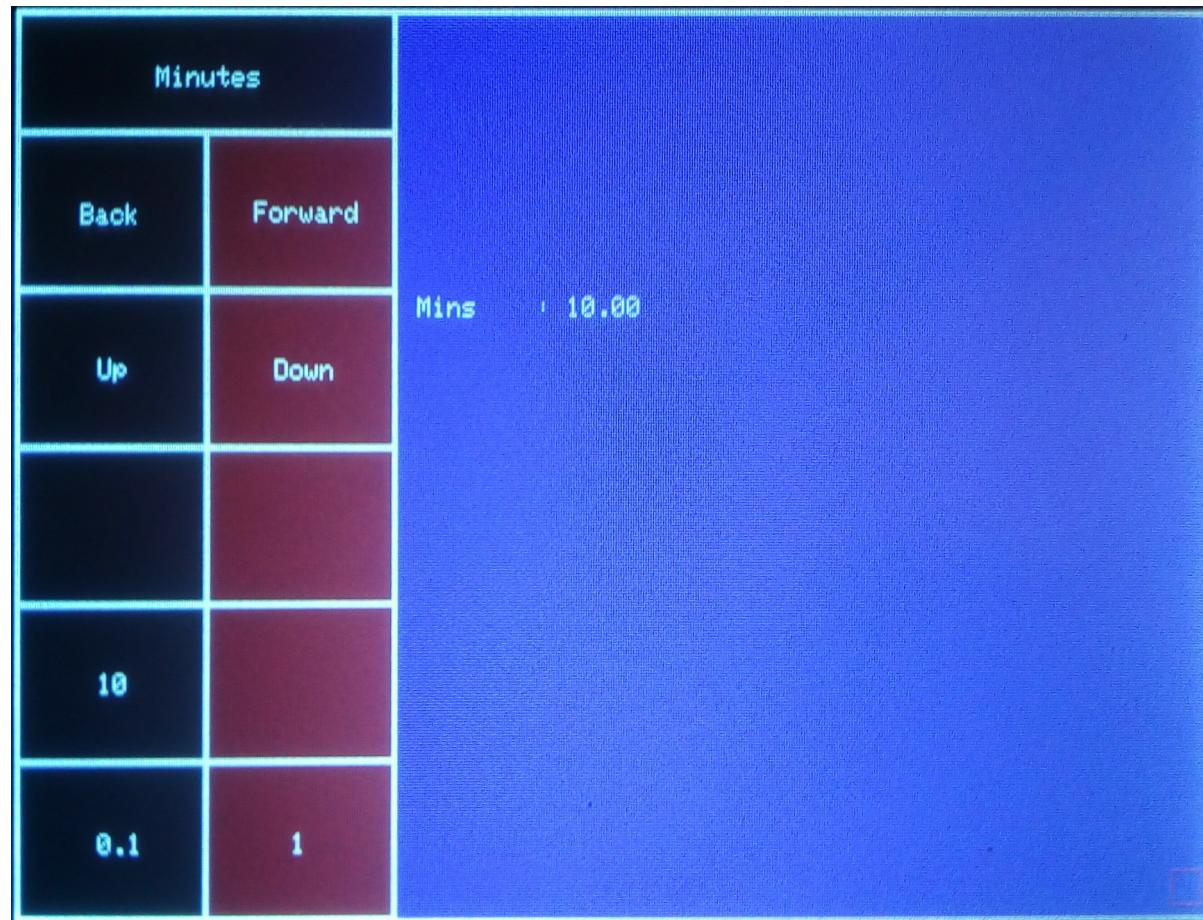
# PID Main screen



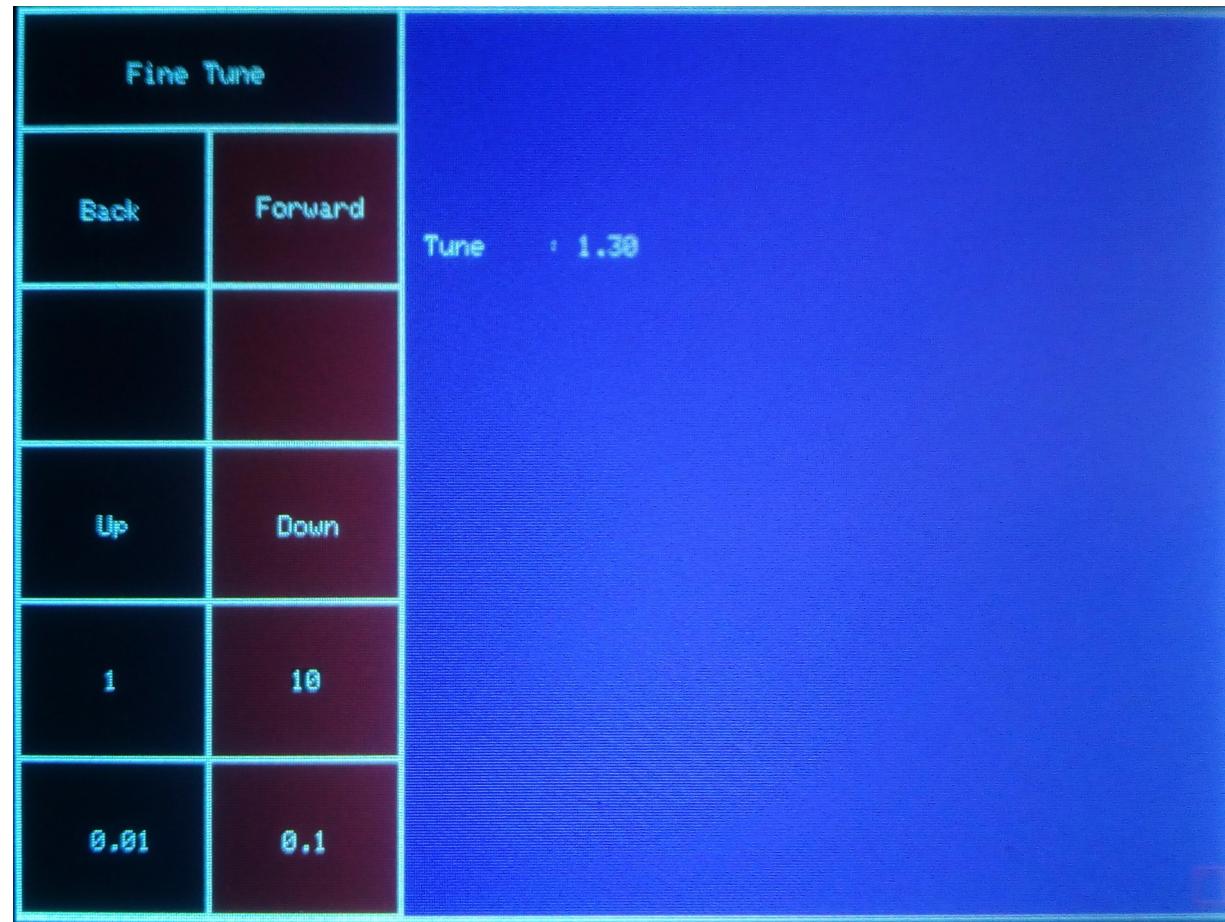
# Simulation Settings



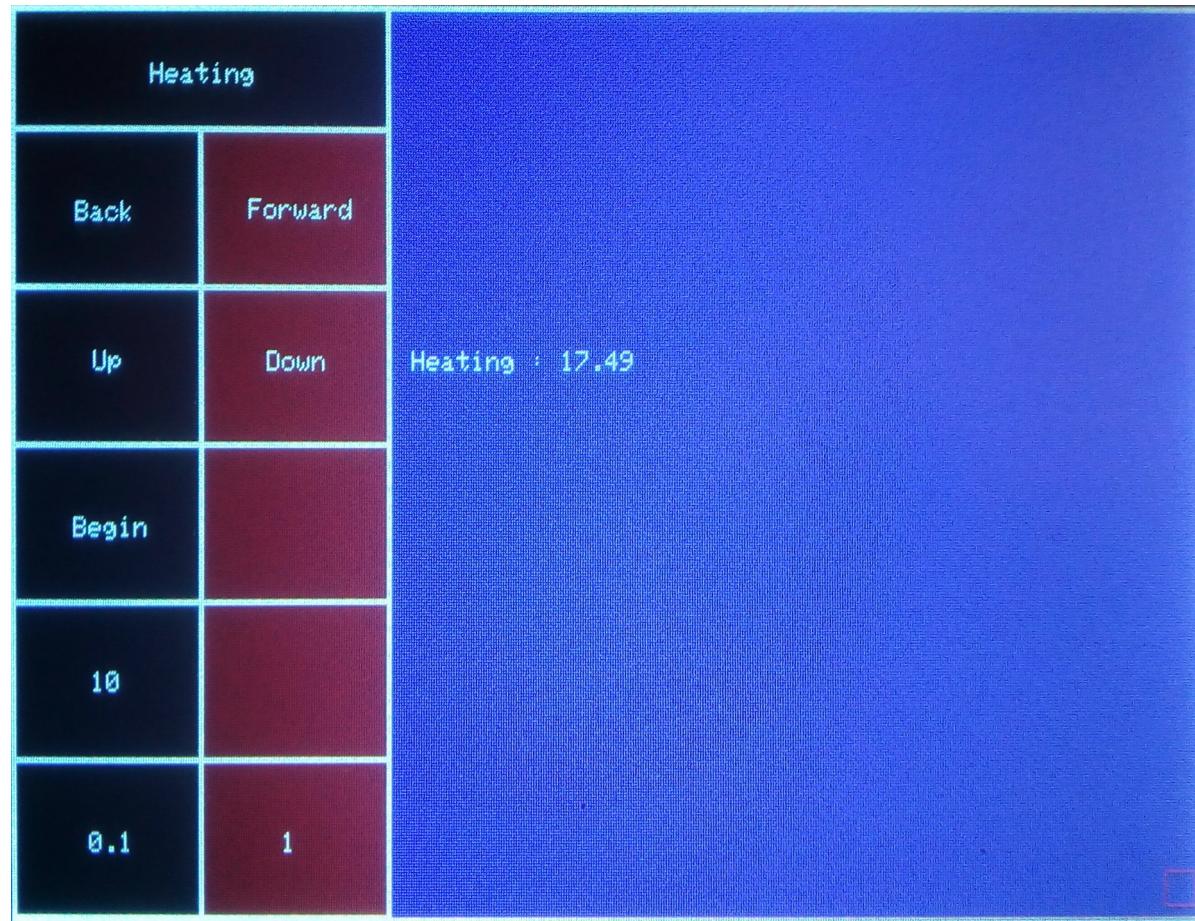
# Heating/Cooling Time Period



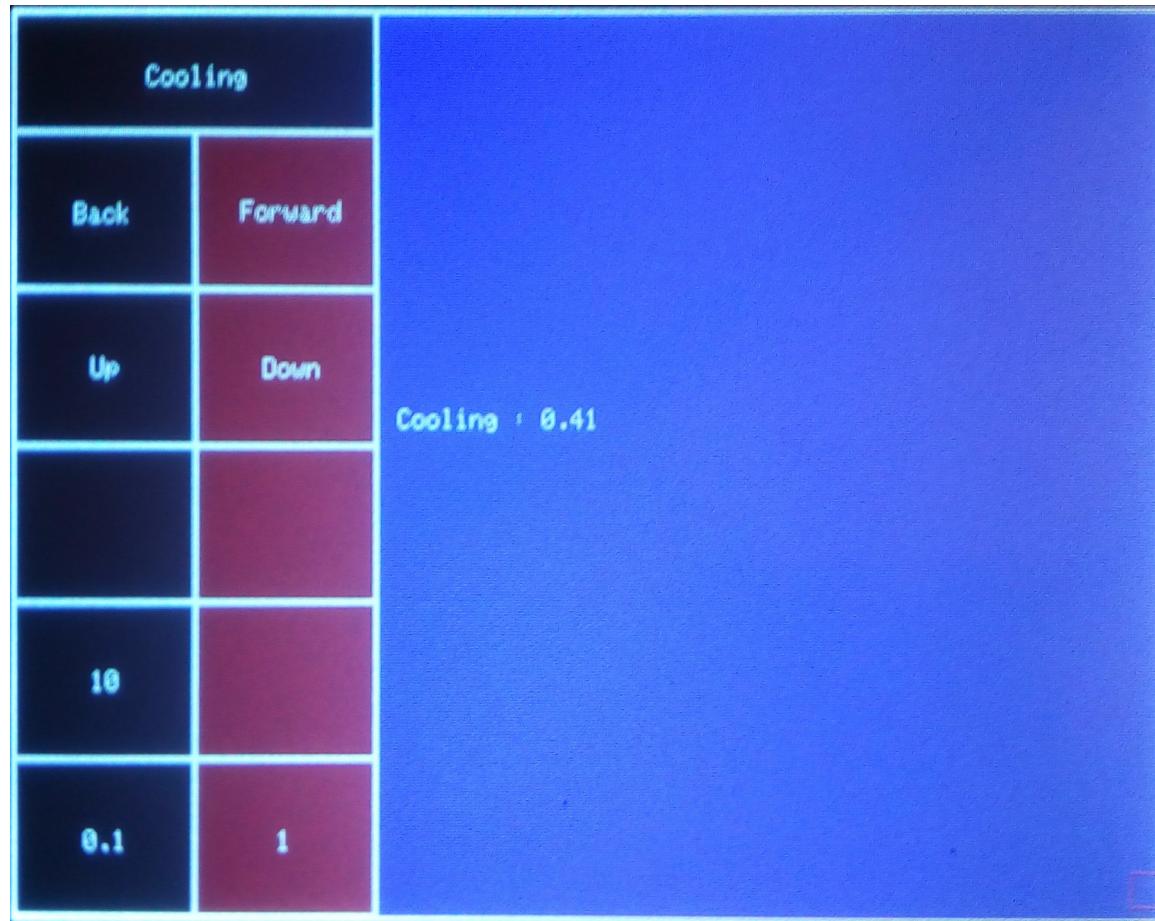
Used to Slow down loop execution  
to match realtime values.



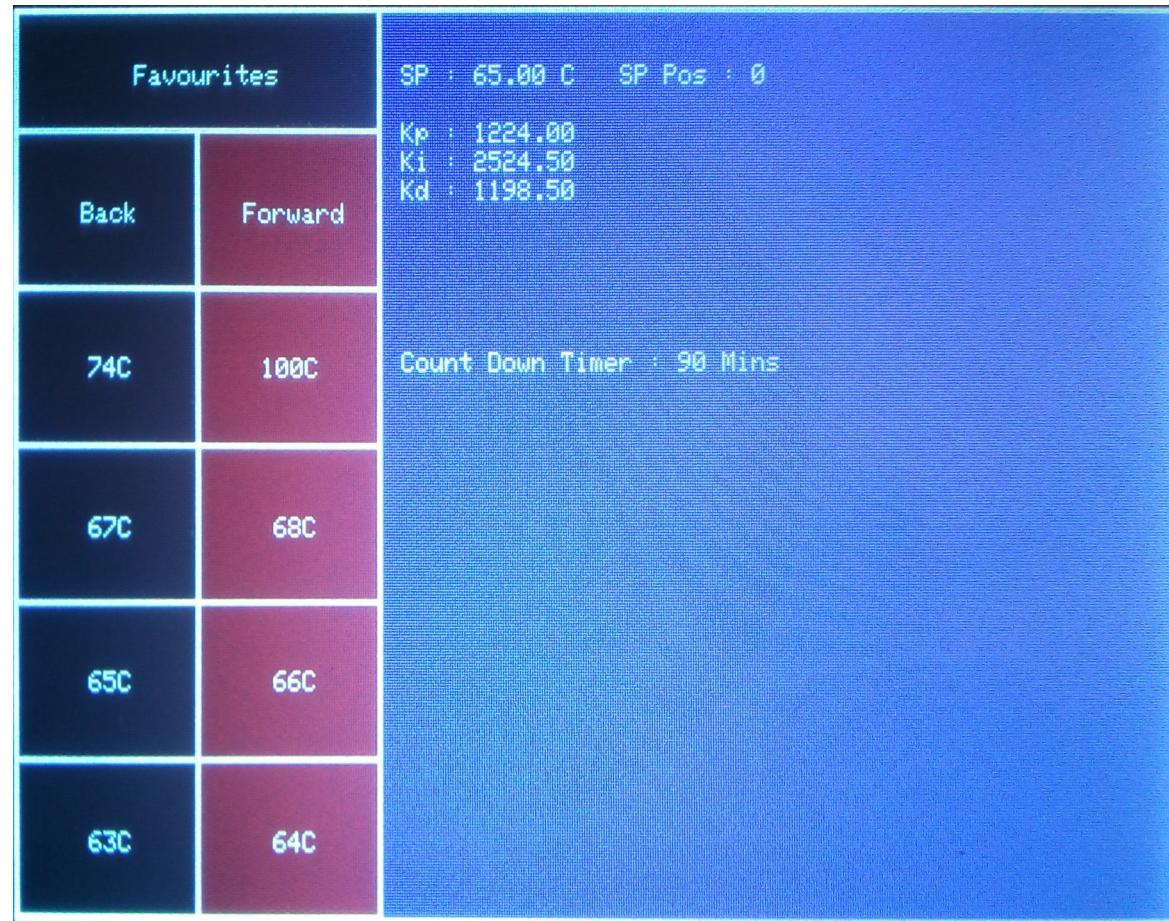
# Set Vessel Heating Characteristics



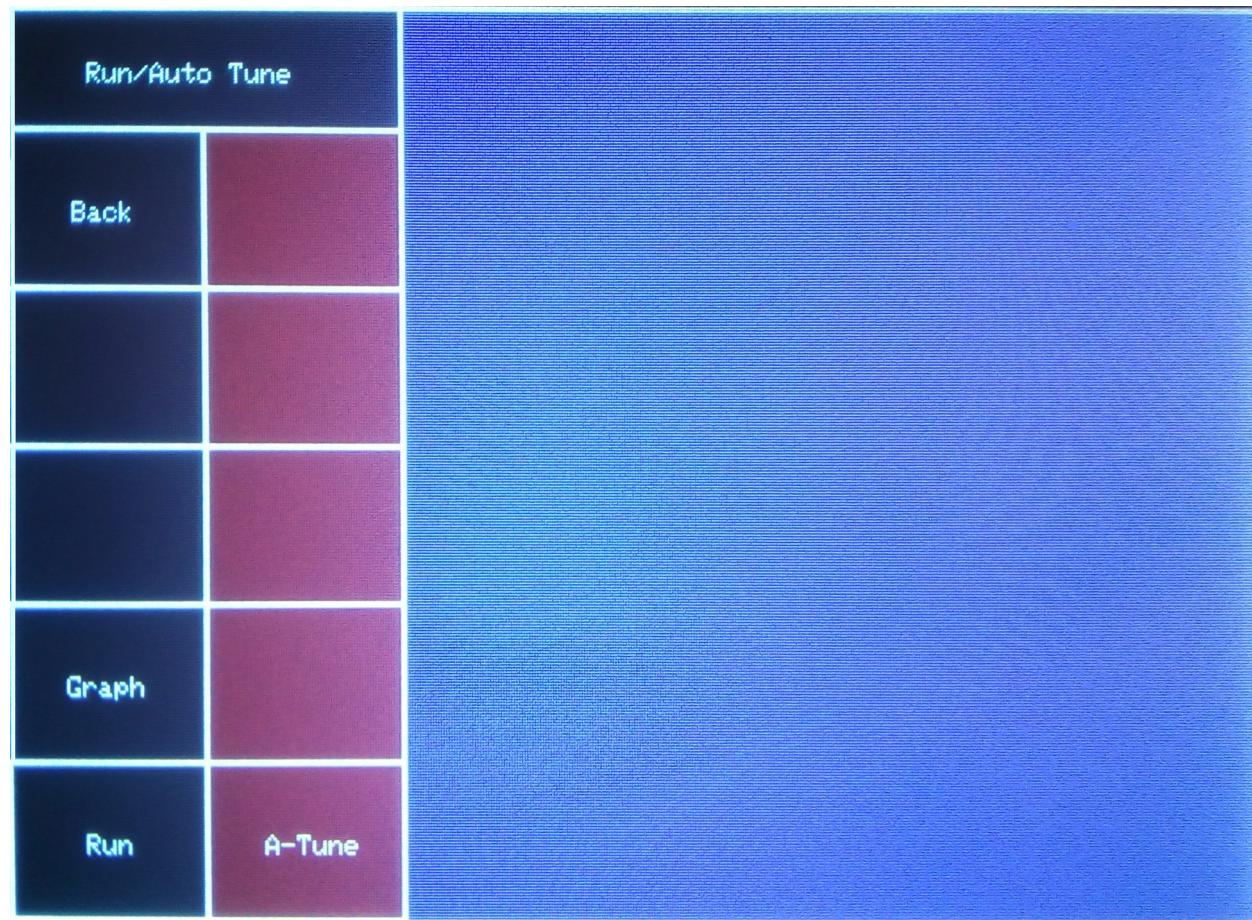
# Set Vessel Cooling Characteristics



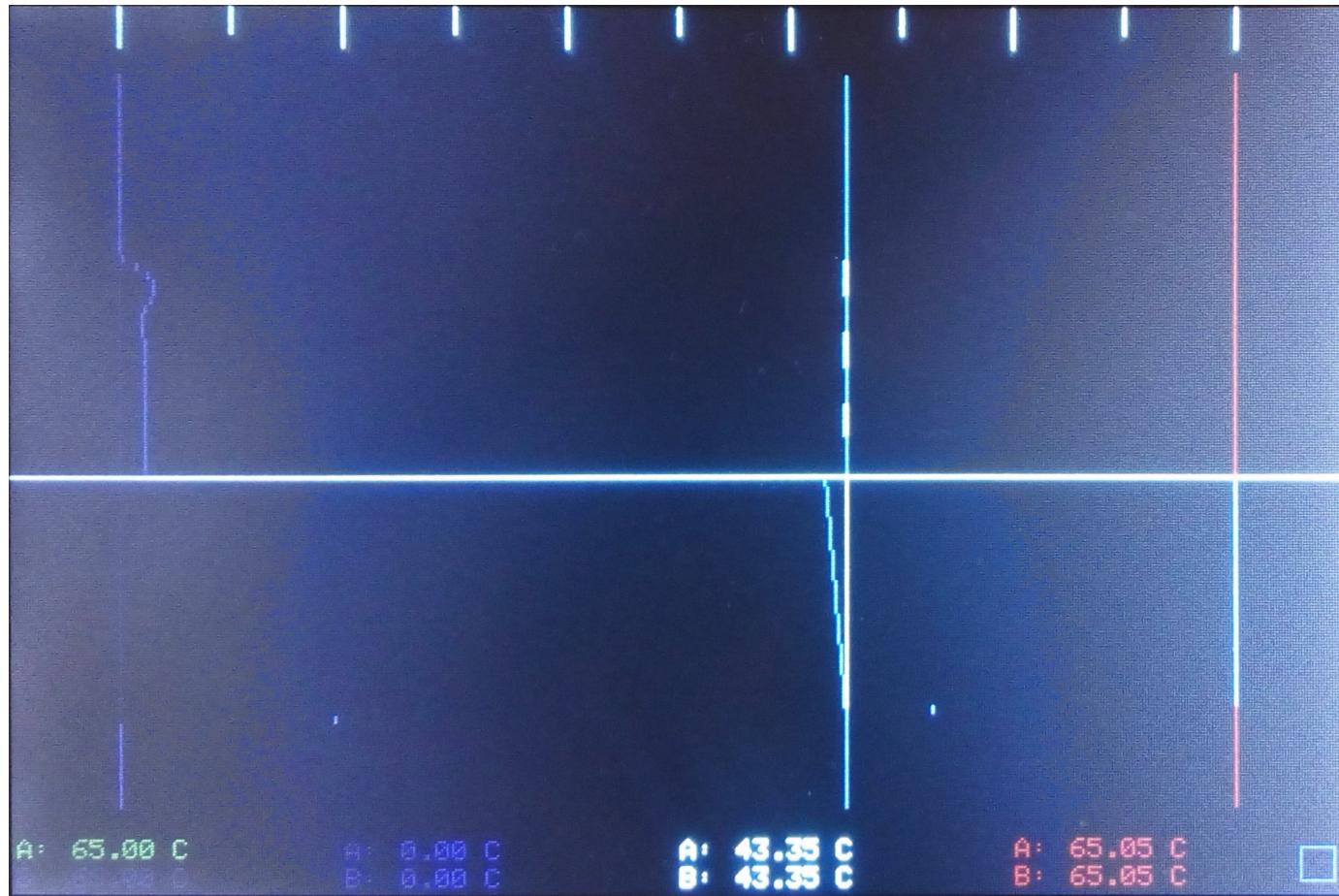
# Favourites



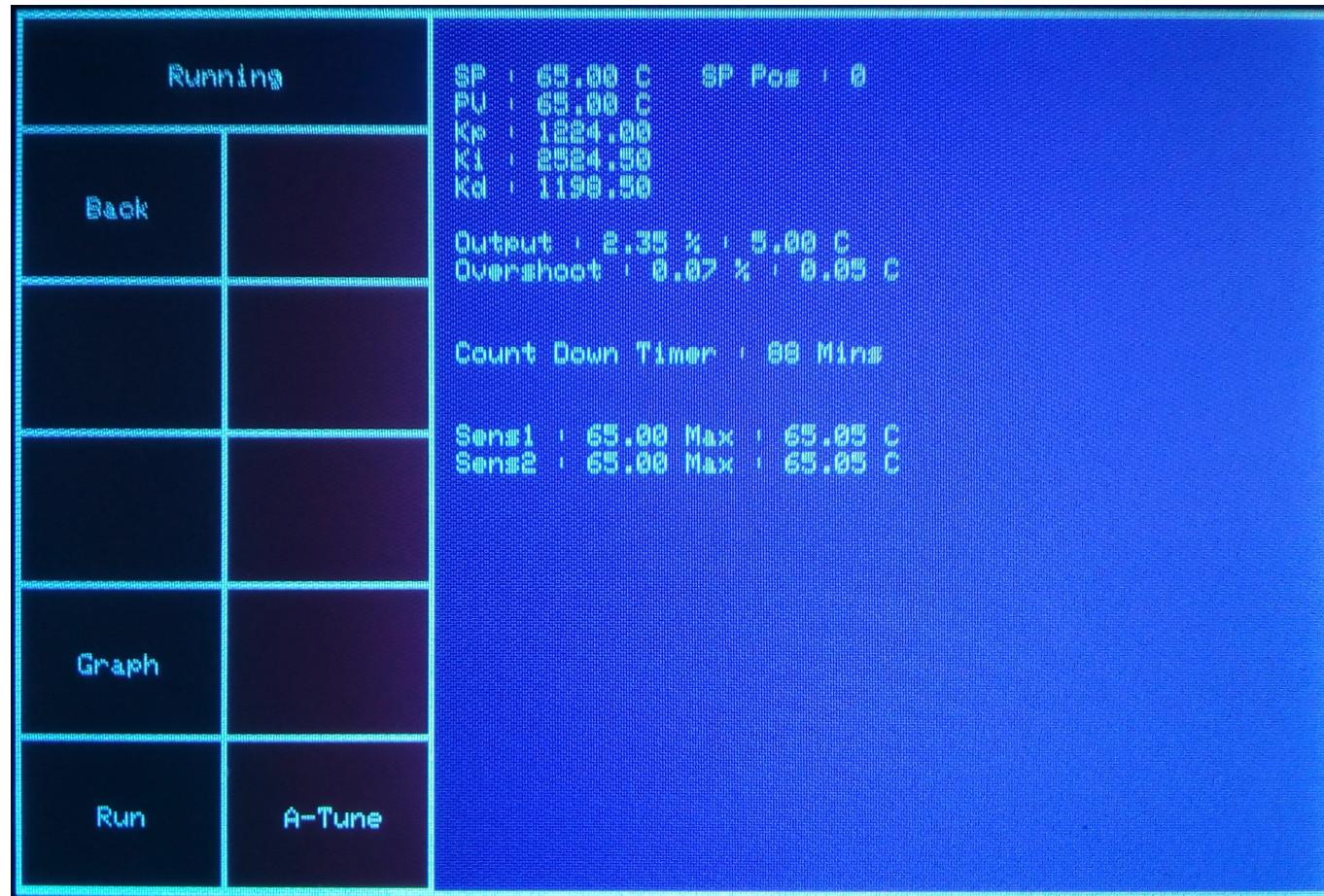
# Select PID Function



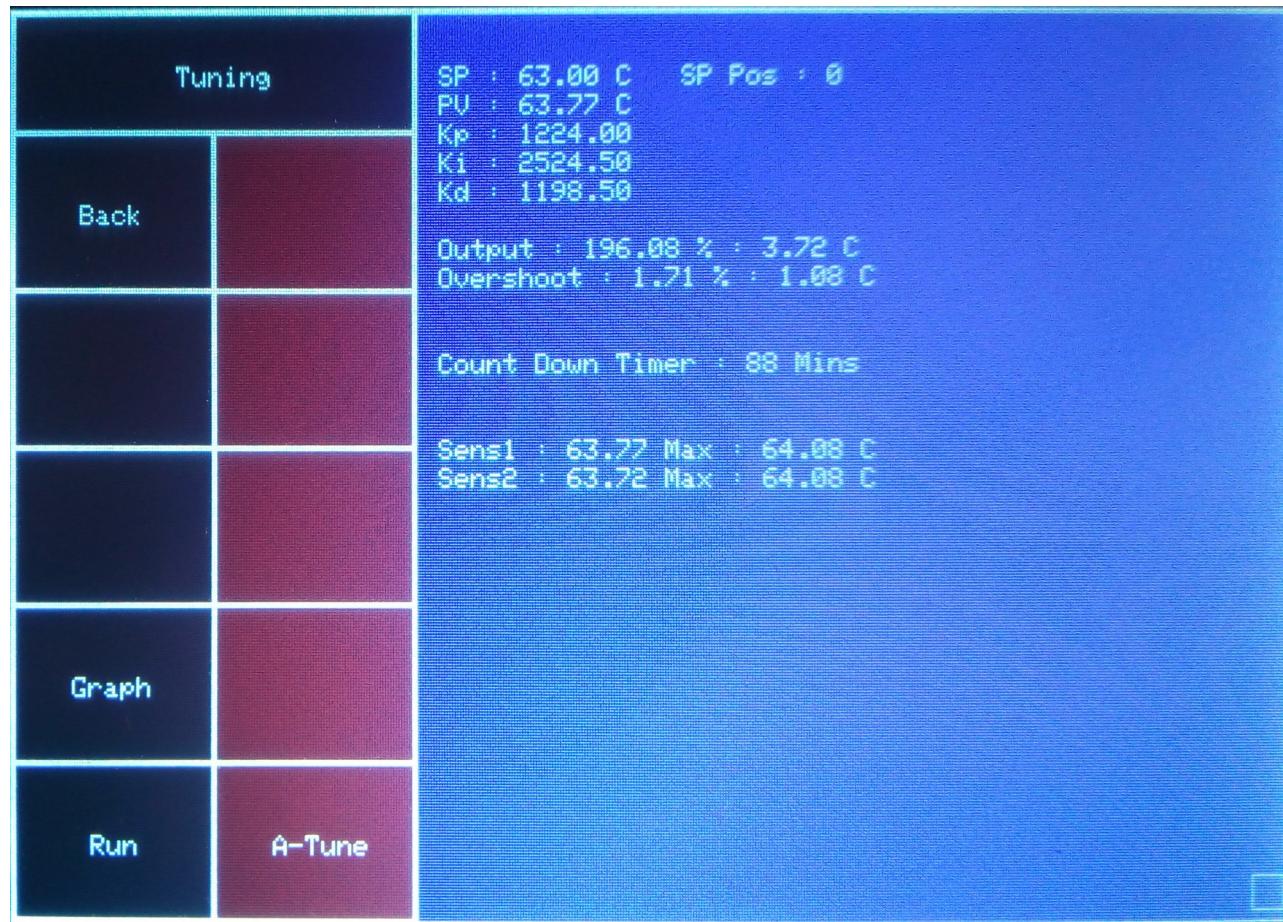
# PID Graph Function



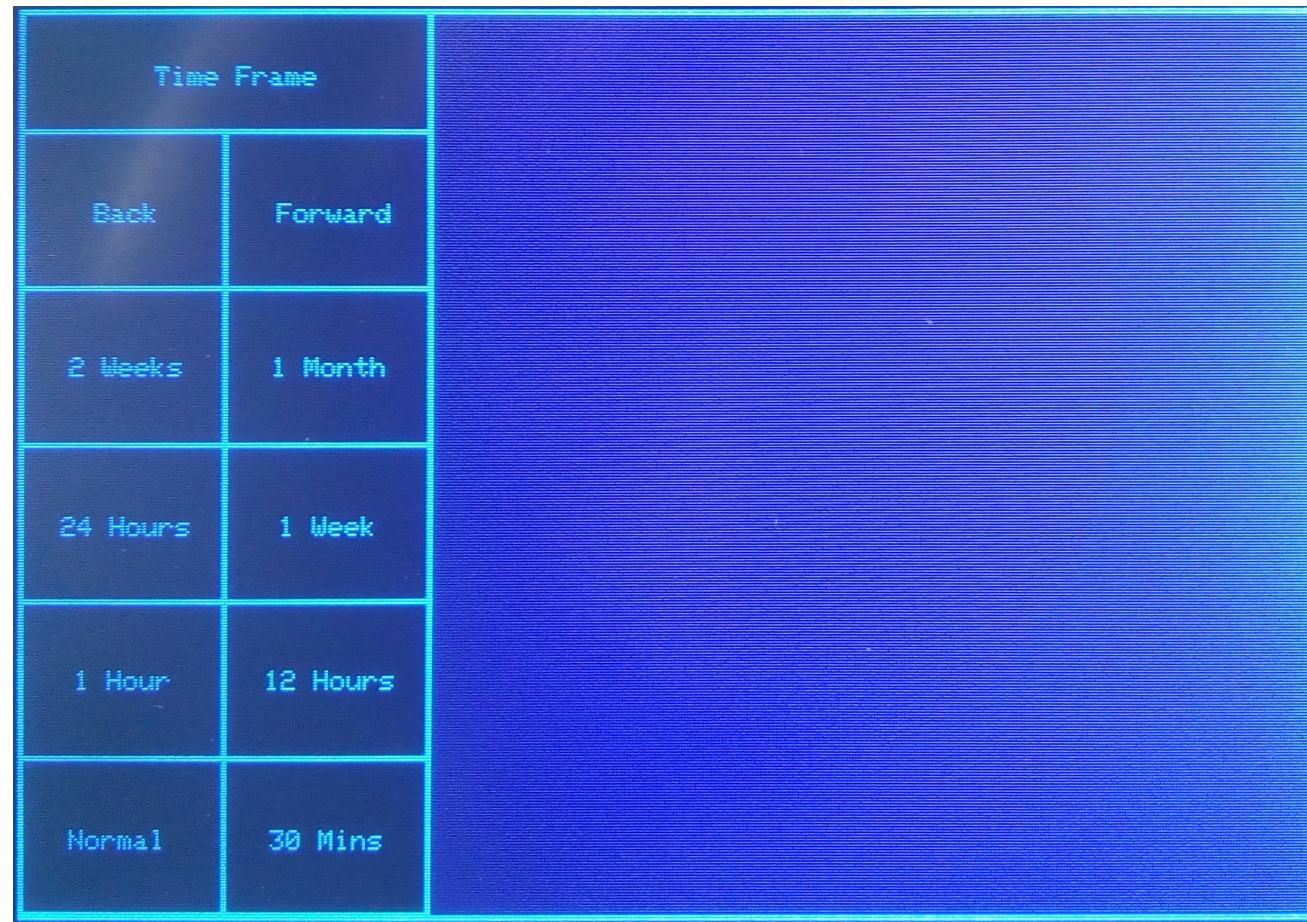
# PID Run Screen



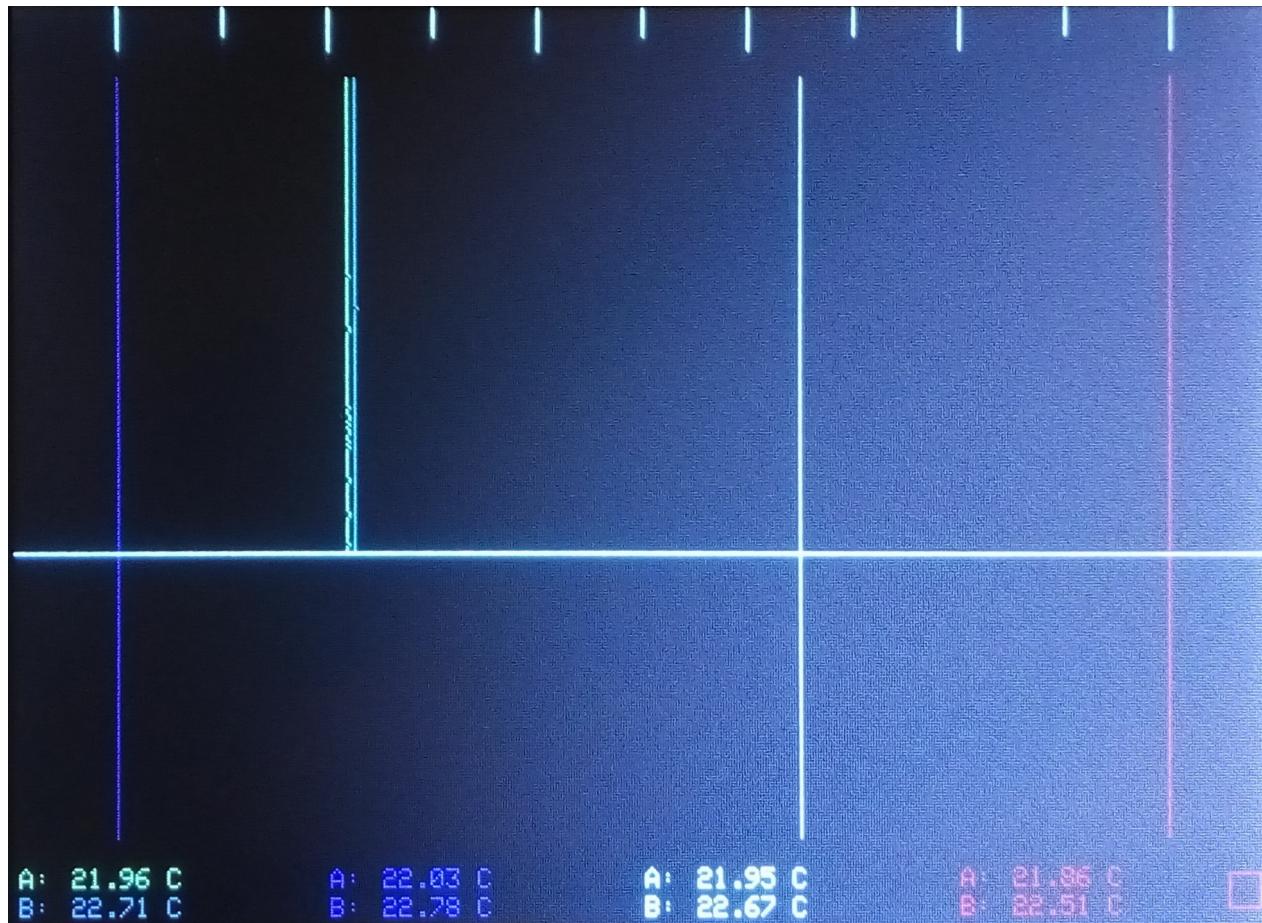
# PID Self Tuning Screen



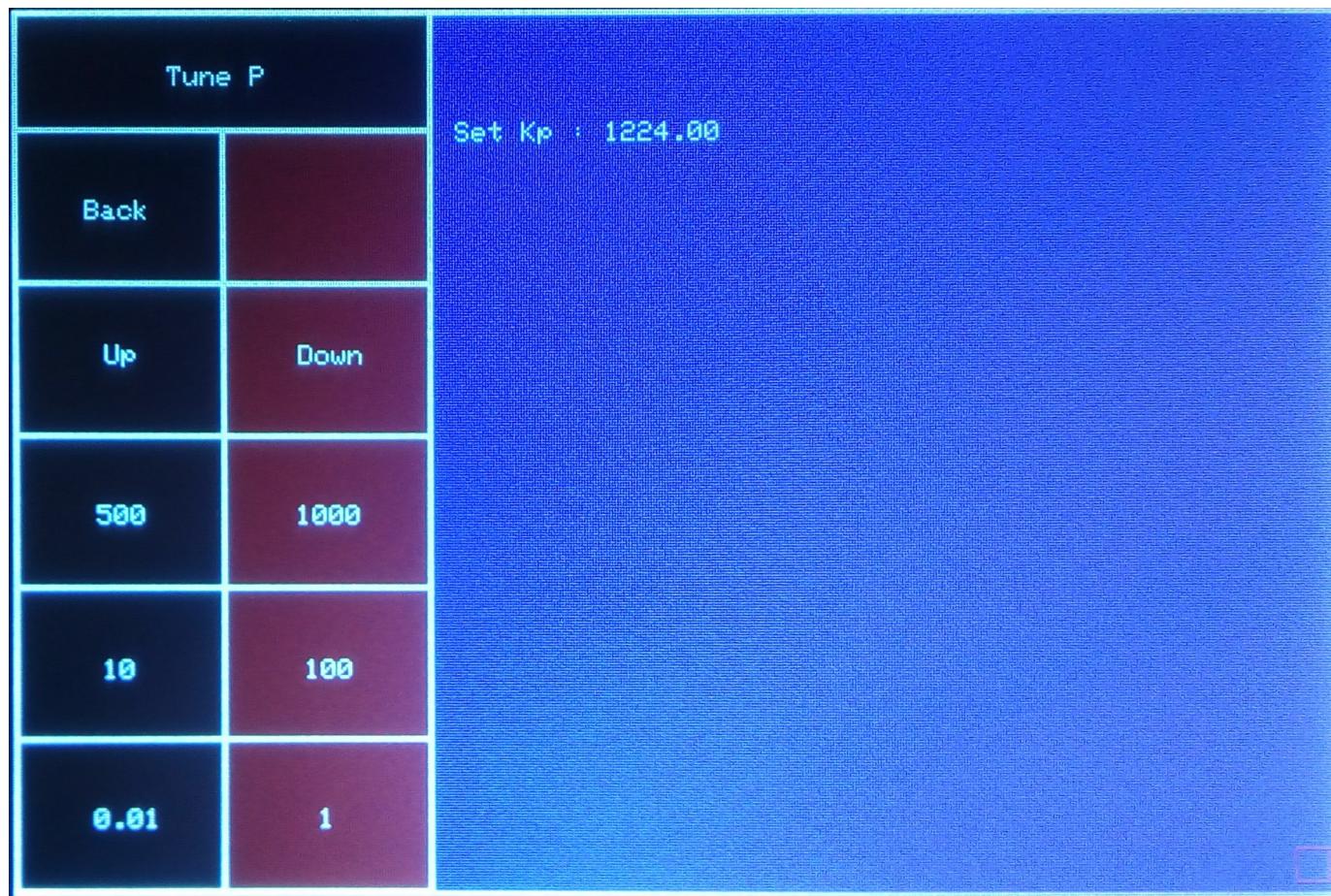
# Set Graph Time Period



# Temperature Graph Function



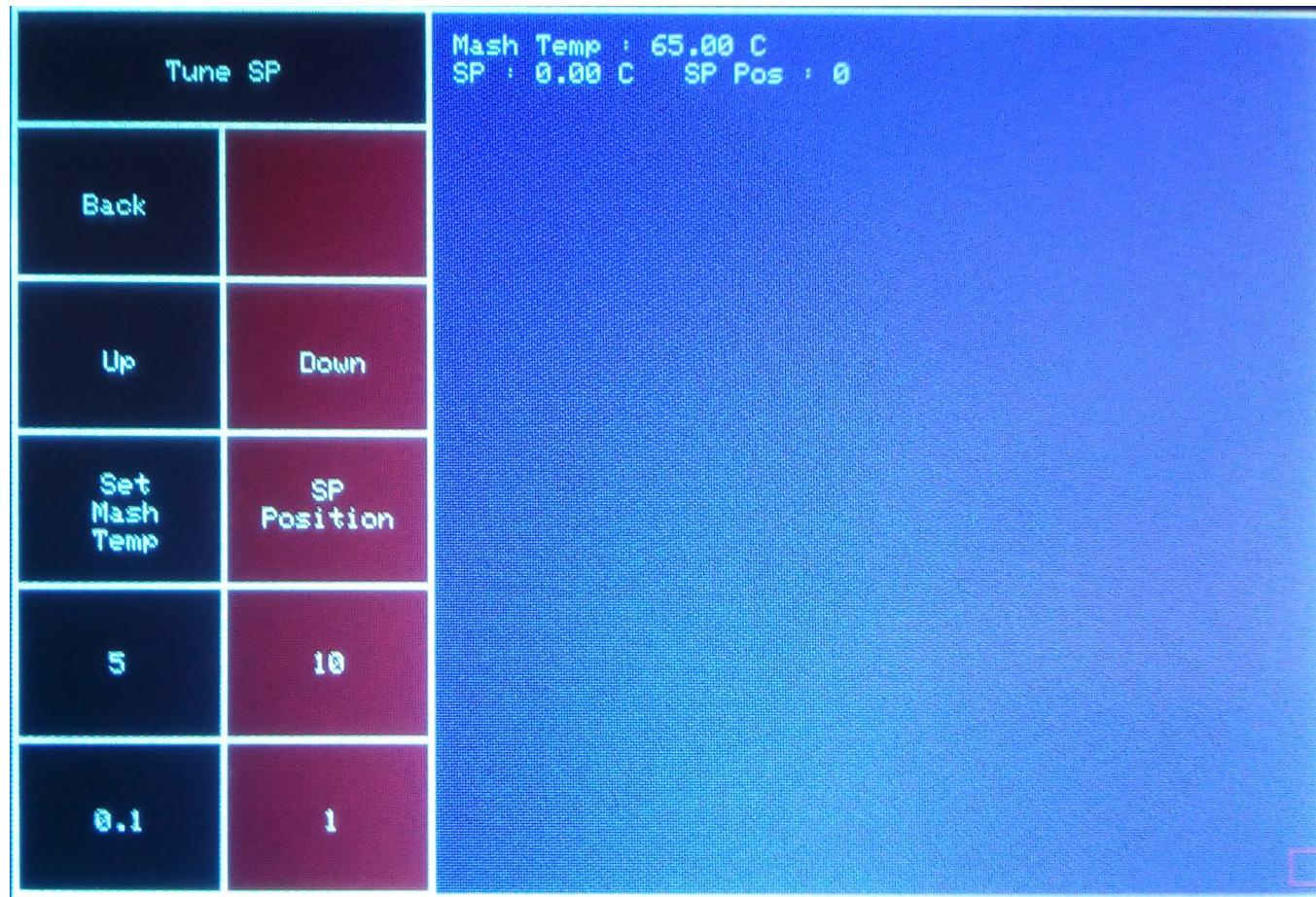
# Set Proportional



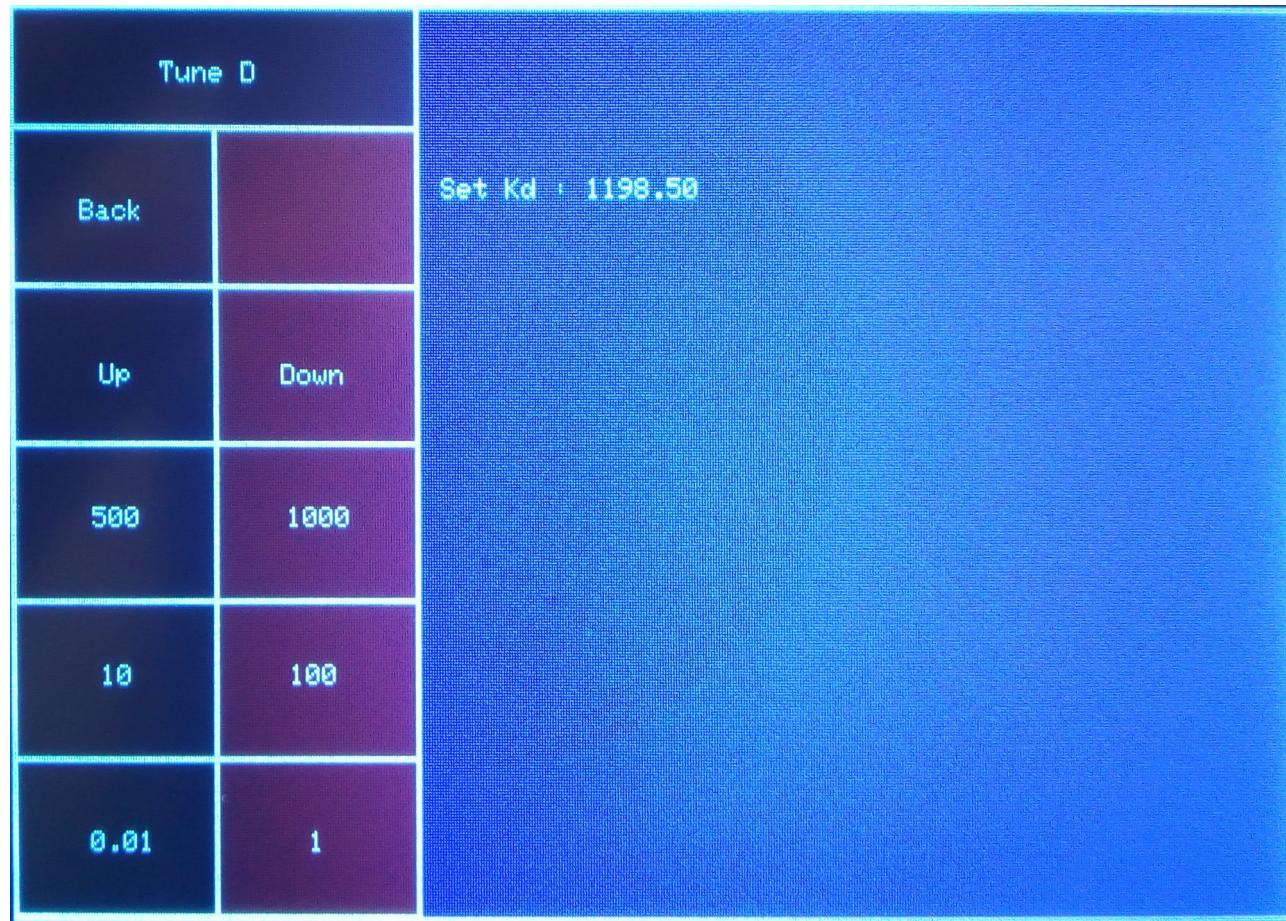
# Set Integral



# Set Point Selection

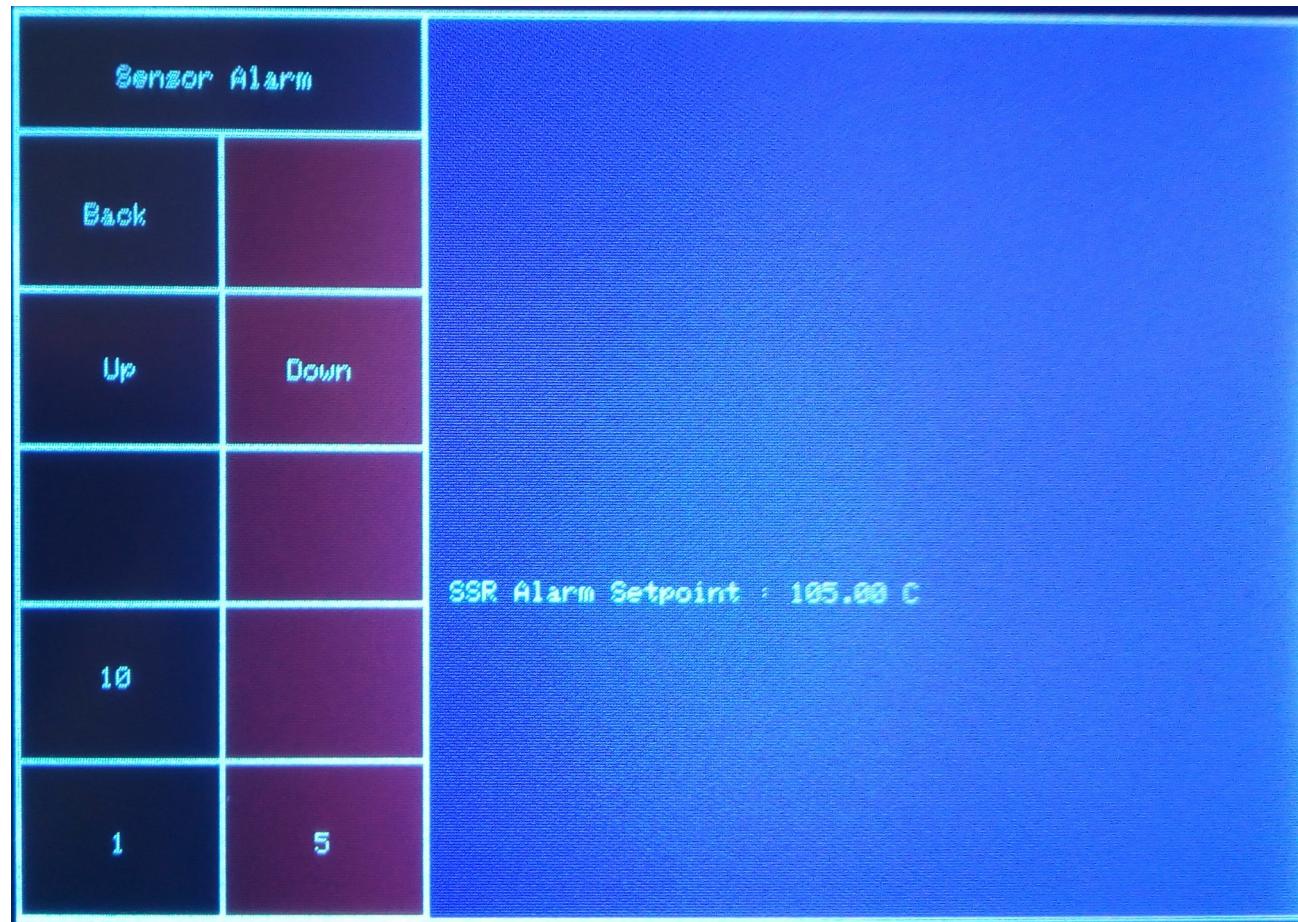


# Set Derivative





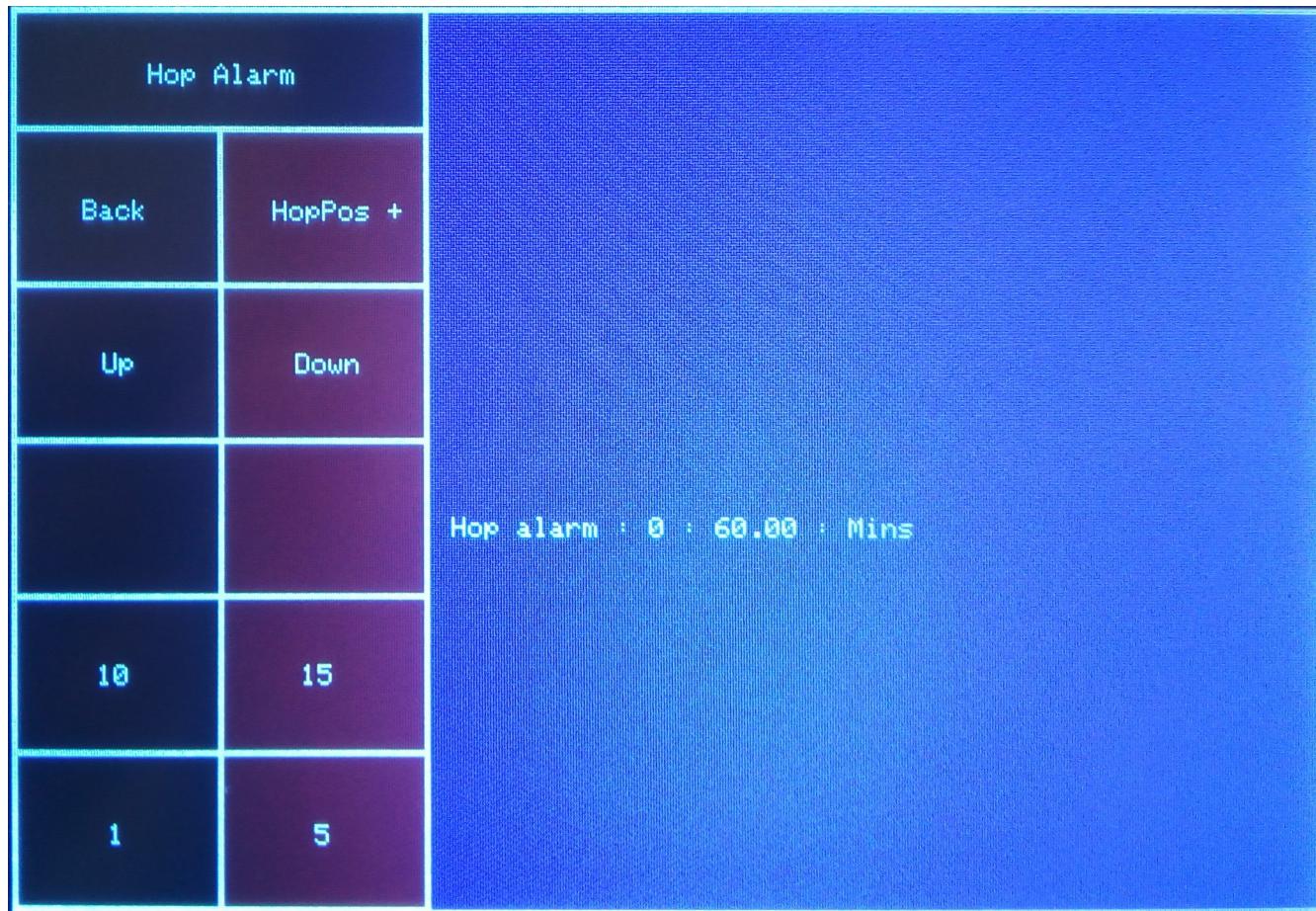
# Used to Measure Temperature of Solid State Relay



# Select Sensor Set On/Off for Simulations



# Hop Addition Timers



# Set Period for the 6 timers

