

DrySyn Scholar

Time taken to heat DrySyn Scholar 250 mL insert to 130 °C

Equipment Used:

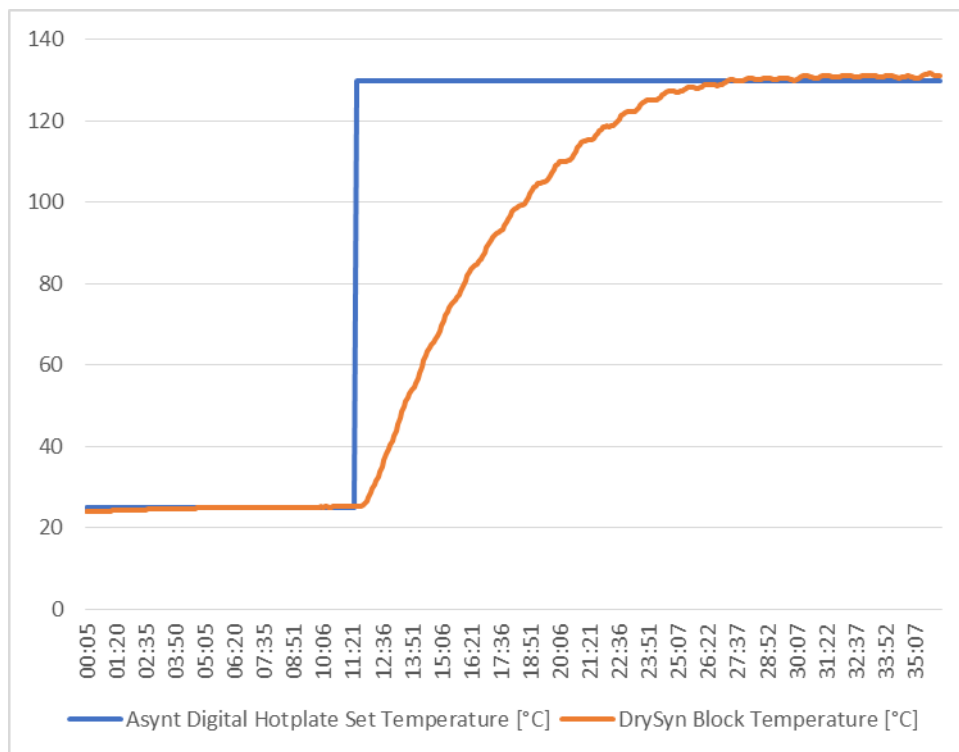
- RCT Digital Hotplate set in PID mode with external PT1000 attached
- DrySyn Scholar 250 mL base
- 250 mL Round bottomed flask containing 125 mL of water
- LabWorldSoft V6



Experiment Steps:

- Stirring set to 350 RPM
- Step 1: Allow DrySyn to equilibrate at 25 °C (DrySyn temperature)
- Step 2: Hotplate set to 130 °C and heating rate recorded (DrySyn temperature)

Experiment Results:



Time to reach set temperature in DrySyn block (+/- 1%) = 16 minutes