

DrySyn Classic

Time taken to heat DrySyn Classic 100 mL insert to 130 °C

Equipment Used:

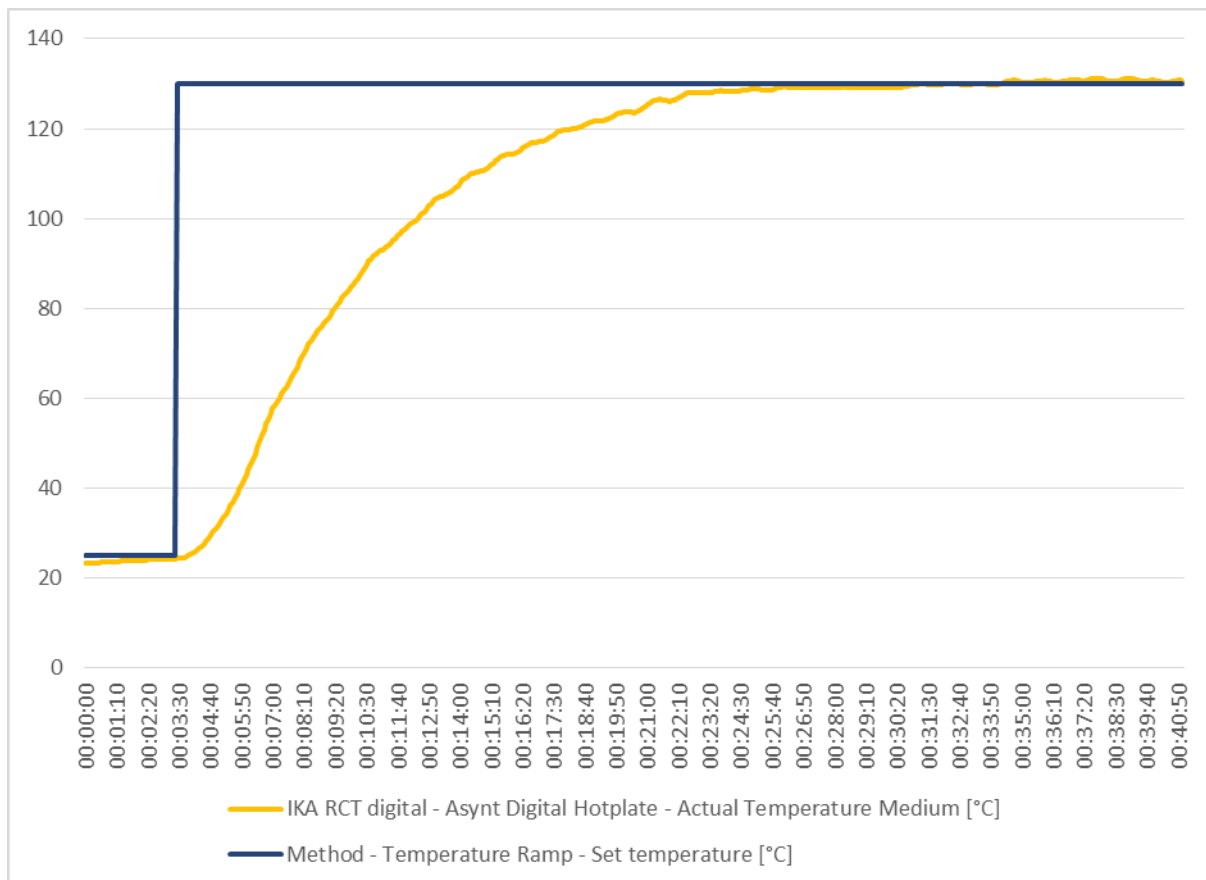
- RCT Digital Hotplate set in PID mode with external PT1000 attached
- DrySyn Classic 1 L base with 100 mL insert
- 100 mL Round bottomed flask containing 40 mL of water
- 350 mm CondensSyn
- LabWorldSoft V6

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%) = 25 minutes