

Start-up Lab-book: Monday Nov. 18th 2019, 21st Nov

Aims of today are:

- Get the programme running again
 - Try also with the dummy syringes: does the height look ok?
 - Try with the glue program for the 19-0 heaters. Do the break-points make sense?
 - See which glue batch Aidan was using for the periodic testing - try making a test? Would be good to have his notes.
 - Rebase height with base plate measurements
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Trying the programme

9:00 AM -

- Programme has 11 PTP motions and 'points'.
- I tried just hitting the start button but all the robot does is move to position above where the starlet would have been and slowly move down. It doesn't touch down though. Can't figure out why so I'm just sending the whole Sep19th programme again. Perhaps, as a precaution, Aidan loaded a small program onto the robot before he left?
- I reloaded the programme but still nothing happened but I think I know why. I have to change the programme number! Wasn't he running programme 5? Which one?

9:20:

- Ok, so I've figured out that programme on the robot corresponds to the programme number on the PC (which make sense!). But I still don't really understand what each bit is doing.

10:06:

- I'm assuming something is off in the work adjustment and so that is why nothing is running: the first height calibration is maxing out but pushing the button doesn't seem to do anything.
- Still reading through programme. Not clear to me what the scope of these variables is at all.
- I'm definitely missing something here. I think it might be worth tapping out until I can get Aidan to talk to me. Not getting much done rerunning these programs.
- Perhaps I can make one of my own?

11:00:

- I tried making a stupid programme of my own that just moves PTP and then goes down in z. It doesn't work, the point job never gets run. Here's the point job:
 - Let endHeight = 100
 - downZ 5, endHeight
 - waitStart
 - delay 500
 - upZ 5, 0
- Why doesn't it run? I've tried saving and sending it to Point Job number row, in both columns, but it doesn't work. I really need some input from Aidan.