| Move Reis | Prepare | Pr

Prepare:

- Disable Steppers: so you can manually pull the extruder and the printing stage.
- AutoHome: all axis return to 0
- Preheat PLA: heating PLA in advance
- Preheat ABS: heating ABS in advance
- Cooldown: cool down the extruder head
- Move Axis: move all the axis

Move 10mm

Move 1mm

Move 0.1mm

Move X: move the extruder along the X axis

Move Y: move the printing stage along the Y axis

Move Z: move the extruder along the Z axis

Extruder: extruder feeding/retracting

X: +000.0 (rotate the rotary knob, move the trolley)

Control: mechanical control

• Temperature: temperature control

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set the target temperature for the nozzle
  Nozzle:
Fan Speed: fan speed, 0 the lowest, 225 the fastest.
Autotemp: ??
     ??
Min:
     ??
Max:
Fact: ??
PID-P: P value controlled by temperature PID ( suggest
not to cannge the value)
PID-I: I value controlled by temperature PID ( suggest
not to cannge the value)
PID-D: D value controlled by temperature PID ( suggest
not to cannge the value)
PID-C: ??
Preheat PLA Conf: setup for preheating PLA
Fan Speed: fan speed when preheating PLA
Nozzle: target temperature of nozzle when preheating PLA
Store memory: ??
Preheat ABS Conf: setup for preheating ABS
Fan Speed: fan speed when preheating ABS
Nozzle: target temperature of nozzle when preheating
ABS
Store memory:
              ??
  • Motion: motor control
  • Accel: preset the
acceleration for XY axis
Vxy-jerk: ??
Vz-jerk:
          ??
Ve-jerk: ??
Vmax x: maximum speed of X
axis(mm/s)
Vmax y: maximum speed of Y
axis(mm/s)
Vmax z: maximum speed of Z
axis(mm/s)
Vmax e: maximum speed of extruder axis (mm/s)
Vmin: minimum speed
Vtrav min: ??
Amax x: maximum
acceleration of X axis
```

Amax y: maximum

acceleration of Y axis

Amax z: maximum acceleration of Z axis

Amax e: maximum acceleration of extruser axis

Arecract: maximum acceleration of extruser retraction

Xsteps/mm: steps the motor takes when X axis

moves 1mm

Ysteps/mm: steps the motor takes when Y axis $\,$

moves 1mm. Zsteps/mm: steps the motor takes

when Z axis moves 1mm.

Esteps/mm: steps the motor takes when extruder axis moves 1mm

- Store memory: store current setup as setup for next power up.
- Load memory: get stored setup.

Restore Failsafe

No Card

Print from: SD print, G code from SD card

Change Card: if SD card is changes, read the content again

through the microcontroller.

Tune: manual modification during SD print

- Speed: fine adjustment of printing speed, unit in percentage
- Nozzle: temperature of the nozzle
- Fan Speed: speed of fan
- Flow: fine adjustment for filament amount, unit in percentage