

Nozzle: set the target temperature for the 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 cahnge the value)
PID-I: I value controlled by temperature PID (suggest
not to cahnge the value)
PID-D: D value controlled by temperature PID (suggest
not to cahnge 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 extruder axis

Aretract: maximum acceleration of extruder 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