

# MAKERSPACE GUIDE

## 3D PEN - PROTECH HIGH TEMPERATURE PEN



### WHAT IS IT USED FOR?

- Protech high temperature pen uses ABS or PLA filament, normal temperatures between 190C – 220C
- The 3D Pen can be used to make jewellery, sculptures, calligraphy, or other 3D creations.



# NORMAL OPERATION

## Beware of the hot tip!

- Avoid hitting the tip on the surface as it may shatter.
- Ask staff for assistance when loading filament.

## HOW TO USE:

1. Press the power button “<” button (Protech) to start the heater
2. Wait for the temperature to reach target
3. Begin by placing the tip on a supplied template or other heat-proof work surface
4. Hold the “<<” or “<” key to feed filament and draw your creation; double press to turn on continuous feed
5. Press “<<” or “<” once to stop continuous feed
6. Unplug the pen when finished