



TAP LAB SAFETY LEVEL:  
**HIGH RISK**

Read the safety card | Receive induction from a trainer  
Supervision required until approved to operate independently

# SMD Rework Station

## KEY RISKS:



Burns



Fire



Fumes



Electric  
shock

## PURPOSE:

An SMD Rework station is used to heat up the solder holding Surface Mount Components (SMDs) to a Printed Circuit Board (PCB). This allows you to attach or detach these small components quickly and easily using hot air.



## SAFETY:

- Use safety glasses or your own reading glasses when using the station
- The nozzle produces air at several hundred degrees and is capable of causing severe burns. Never touch the tip of the nozzle and keep your hands clear of the air stream. Give any heated surface adequate time to cool down before you touch it.
- Be sure to unplug the station when you're not using it.
- Always put the nozzle back in its stand when not in use. Be sure that the station is stable, and the cords are not going to get caught when you move.
- Always use an extractor with a carbon filter to prevent the mildly caustic and toxic fumes from building up and causing eye or throat irritation.
- Never solder a live circuit.
- Only use the SMD rework station for soldering – it is not a heat gun or blowtorch.
- Never place the nozzle on or pointing at your work surface: You could start a fire. Never leave flammable items (such as paper) near the nozzle.
- **There is running water in the bathrooms for burns.**
- Make sure the temperature is not set too high for your materials.
- Make sure your workpiece does not contain leaded solder.

