

# SOLDERING EQUIPMENTS

The only tools that are essential to solder are a soldering iron and some solder. There are, however, lots of soldering accessories available as given below,

## 1.SOLDERING STATION

Though soldering station seems to be a kit, consist of following tools in it.



- **Soldering Iron**  
Soldering iron used to solder the intended two components ( wires) in a PCB.
- **Soldering Iron Holder**  
Soldering Iron Holder used to hold the Soldering Iron.
- **Temperature controller**  
Indeed, this is a fine thing about the soldering station. This set up helps the person who do soldering to vary the temperature according to the necessity.
- **Solder lead**  
Solder lead used to connect two different metals.
- **Flux**  
Flux is a thing which clean up the metal surface in order to make them fit together.

## 2.CLAMP

Adjustable clamp that can be manipulated to hold both the connector and the wire in place so you still have two free hands to apply the heat and the solder. Simply, it reduce the effort of soldering.



### **3.DESOLDER**

Desolder helps us to remove the wrongly soldered part ( components) in a circuit.



### **4.FOCUSING LAMP ( OPTIONAL)**

If the components are too small or the ambient light is not enough to do solder then Focusing lamp will give support to do solder. And it also has magnifying lens in it.

