



### **Some BASIC Knowledge, about Using the Infra Soldering Station:**

- The Infrared radiation is the one **HEATING UP THE METAL** Parts, and **NOT** the heat of the “Heating” element. So, keep some distance between the heater element and the PCB in order to let the Infrared radiation heat and not the own heat of the heating element.
- --> So the heating element must **NOT** get too red coloured in order to do the job.
- --> For same reason also keep a distance of at least 1-2 cm between PCB and heating element. If you are working on plastic parts, increase the distance, since the Infrared radiation will heat then the metal pins only. But if you bring the heating element to near to the plastic part – then his own heat can affect the plastic.
- **Starting work:** on Power up it takes to heat about 2 minutes. **Set the potentiometer in the middle of the scala and start the work.**
- **Full power has to be used only when working on bigger metal shields- parts.** This is because not-painted metal is reflecting a big part of the radiation away.
- **During normal operations,** don't use the tip on the unit. This tip is only for sensible operations, like working on flexes.
- The Infra-heating element is made by the leading European Company in this field, same the insulation material. It has a long lifetime if you don't use it all time at maximum power and if you don't drop it.

Enjoy ...