

PRODUCT INSTRUCTIONS

Product Code : **8025J** Product Description : **Compact Electric Soldering System 240 Volt**
Product Code : **8026L** Product Description : **Compact Electric Soldering System 110 Volt**

For Soft Soldering 6 to 22mm Copper Pipes.

OPERATION :

- Read all instructions before use. Failure to follow all instructions may result in electrical shock, fire, serious personal injury or death.
- **Before every use of the Compact check all electrical leads. Ensure that the insulation is not chafed or bare wires are exposed. Bare wires without correct insulation may cause death from electrical shock.**
- Remove dirt and grease from end of pipe, then evenly coat the end of pipe (slightly less than the length of the fitting) with Monument Smart Flux (Product Code 8009A).
- For the 240 volt unit : plug Compact into 240 volt mains outlet. Turn on the switch (located on the side of the case).
- For the 110 volt unit : plug Compact into the outlet of a portable tool transformer using the 110 volt plug supplied (**do NOT use a 110 volt unit on a 240 volt supply**). Turn on the switch (located on the side of the case).
- Clamp the electrodes over the pipe or make contact with the pipe with the ends of both the electrodes.
- There is no need to move the electrodes as with a torch when soldering.
- When the flux turns bright silver (approx. 230°C) - **do NOT** allow the work to overheat - immediately apply solder until a small droplet is formed on the underside of the pipe. Remove the electrodes from the pipe. The joint is finished.
- **WARNING** : The electrodes and tongs are very hot after soldering - after soldering turn off the Compact.
- Allow electrodes to cool down before handling.
- Always switch off the power supply when the tool is not in use.

TIPS, CARE & MAINTENANCE :

- The Graphite Electrodes (Product Code 8021C) must be changed before they are so worn down that the electrode holder makes contact with the pipe.
- Use the Bar Electrodes (Product Code 8018T) for working in tight spaces.
- Keep the electrodes clean by wiping with a cloth to remove dirt. This will increase the life span of the electrodes and improve the electrical contact between the electrodes and the pipe.
- If the Compact overheats, a sensor within the transformer will switch off the Compact. After cooling down for approximately 30 minutes the Compact will be ready for use again.

IMPORTANT SAFETY PRECAUTIONS :

- **Do NOT use the Compact in areas containing gases or other combustible vapours as a spark from the Compact (a normal occurrence during use) could cause a spontaneous explosion.**
- **Take care when using the Compact in lofts, under floors and areas containing combustible materials (particularly when Silver soldering and brazing) as red hot electrodes and pipes can cause combustion when close to flammable materials.**
- **When soft soldering or disconnecting existing soft soldered joints avoid over heating as red hot electrodes and pipes can cause combustion when close to flammable materials.**
- **Only use enough heat to do the job.**

REPLACEMENT PARTS :

Product Code : **8009A** Product Description : **Monument Smart Flux**
Product Code : **8021C** Product Description : **Graphite Electrodes including holder**
Product Code : **8018T** Product Description : **Bar Electrodes including holder**

GUARANTEE :

Transformer – 5 years. All other non consumable materials and components – 2 years.

FOR LARGER WORK : For soft soldering up to 54mm Copper pipe and Silver soldering & brazing up to 19mm ($\frac{3}{4}$ " OD) use :

Product Code : **8013H** Product Description : **Monument Combi 240 Volt**
Product Code : **8014K** Product Description : **Monument Combi 110 Volt**

