SOLDERING PENCIL /IRON

A hand-operated tool with a tip that can reach temperatures of 425°C (800°F). Used to melt solder to join metals together without melting the base material.

Important parts:

- Tip
- Body
- Cord / Plug in

SAFETY PROCEDURES
• Wear approved eye protection. Ensure long hair is tied back, all jewelry is removed, and you are wearing closed toed shoes. *It is recommended that long pants be worn as well*
• When you plug in the soldering pencil/iron make sure the cord does not touch the tip.
• The tip is HOT and should not be touched.
• Always place the soldering pencil in the holder – NOT ON THE DESK/TABLE
• Use proper ventilation or fume extraction. Keep face 1- 2 feet away from your work. Never breathe in the fumes.
• Melted solder can burn through clothes and your skin. Never solder upside down • *** Hold the items to be soldered upside down.***
• Unplug the unit by grasping the plug, NOT the cord.
• Put your soldiering pencil/iron away in the appropriate location, ensuring the tip does not touch the cord. Soldering pencils stay hot for a long time after they are unplugged.