



**Important:** Please read these instructions and safety guides carefully before using any of the tools in this set. Failure to do so could lead to serious personal injury. When using tools basic safety precautions should always be followed to reduce the risk of personal injury. Keep and store this manual in a safe place for further reference. The tools in this set should not be left within reach of children. Always wear the correct safety wear when using tools. Store the contents of this set in the storage case when not in use.

## **Am-Tech** SOLDERING TOOL SET Stock Code: S1740

### Set Contents:



**30W Soldering Iron**



**10W Glue Gun**



**Helping Hand Magnifier**

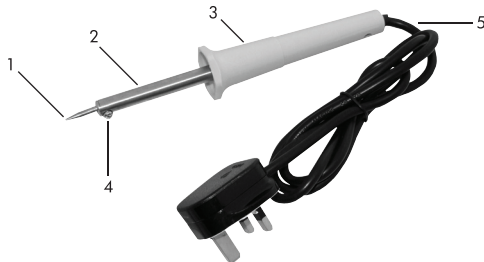
### **30W SOLDERING IRON**

Voltage: 230-240V

Frequency: 50Hz

Power: 30 watt

1. Soldering tip
2. Heating element
3. Handle
4. Locking screw
5. Power supply



### **Soldering Iron Safety**

- Parts of the soldering iron will become hot during use. Do not touch any part of the tool, other than the handle whilst in use.
- Always unplug and allow to cool fully before handling or attempting to change any fittings. Do not leave this tool unattended whilst hot.
- Heat may be conducted to hidden areas, or materials near to the work area. Ensure that there are no flammable materials in the vicinity of the work area.
- Soldering with certain materials may result in toxic fumes being emitted. Always allow adequate ventilation. Do not use in confined spaces
- A good quality breathing mask should always be worn when using this tool.
- Lead fumes are especially toxic to children, pregnant women and people with high blood pressure. People at high risk should not be allowed near to the work area.
- Never use this tool near any kind of fuel tank or gas cylinder.
- If you are at all unsure of the correct and safe manner in which to use this tool, do not attempt to use it.

### **Operating Instructions**

- Check that the Soldering Tip (1) is securely fitted before switching on. The soldering tip should be pushed into the Heating Element (2) and secured by tightening the Locking Screw(4).
- Do not allow the heating element or soldering tip to rest on any surface that may be damaged by heat.
- To operate, connect to mains power supply and allow to reach operating temperature.
- Hold the Soldering Tip (1) against the wire or component to be soldered. Once hot, add solder to the joint then remove soldering iron.

## Maintenance

### Tip Replacement:

**WARNING:** Always disconnect tool from power supply and allow to cool fully before attempting to adjust or replace any part.

- Slacken the Locking Screw(4) and withdraw the Soldering Tip (1)
- Push the replacement soldering tip (not supplied) into the Heating Element (2) and retighten the Locking Screw(4).

### Cleaning:

- Disconnect from the mains supply before cleaning.
- Always clean dust and particles away. Do not allow waste to collect on any part of the tool

### Disposal:

- Do not dispose of power tools, or other waste electrical and electronic equipment, with household waste
- Contact your local waste disposal authority for information on the correct way to dispose of tools.

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## 10W GLUE GUN

Input voltage/frequency: 230V~50Hz

Power: 10 watt

Pre-heating time: approx 3-5 minutes

- |                 |           |
|-----------------|-----------|
| 1. Glue sticks  | 4. Stand  |
| 2. Power supply | 5. Nozzle |
| 3. Trigger      |           |



## Glue Gun Safety

- Never leave a glue gun unattended, always disconnect from power supply.
- Do not touch molten adhesive or Nozzle (5), they will be hot during AND AFTER use.
- Insert glue stick before connecting to mains power supply.
- Only use glue sticks of the correct size for this product.

## Operating Instructions:

- Attach the stand (4) to the glue gun using the mounting points on the sides of the glue gun.
- Insert a glue stick into the rear of the tool. Push forward until slight resistance is felt.
- Ensure that the glue gun is positioned on a stable horizontal surface.
- Plug the glue gun into mains power supply, and switch on the power.
- Wait 3-5 minutes for the glue gun to reach its normal operating temperature.
- Gently squeeze the Trigger (3) to advance the glue stick and expel molten adhesive.
- To stop, release the trigger.
- As with all adhesives, performance depends on atmospheric conditions of the work area. Recommendations are for guidance only, actual conditions of use will vary.
- Ensure surfaces to be bonded are dry, free from dust, grease and loose particles.
- Apply adhesive to one surface only. Bring the two surfaces together immediately. Hold the joint together for 20-30 seconds to complete the bond.
- When gluing different materials, apply the adhesive to the least porous material.
- On cold materials, a better bond can be achieved by prewarming before applying adhesive.
- Surplus adhesive can be trimmed with a sharp knife when cooled.
- Applying the adhesive in wavy lines is recommended for gluing textiles or similar materials.
- Always practice applying adhesive to scrap materials until confident.
- Once gluing is complete, place tool upright on a flat surface (tool must never be laid on its side when connected to power supply). Ensure that the nozzle cannot cause any damage to surrounding materials.
- Turn OFF mains supply and remove plug.
- Some parts may remain hot after use. The glue gun must be fully cool before packing away
- Never wrap the power cord around a tool that has not fully cooled.
- Do not attempt to remove glue stick. Any unused glue stick can remain in the glue gun.
- Store away from heat or direct sunlight and keep out of reach of children.

## **DISPOSAL**

- Do not dispose of power tools, or other waste electrical and electronic equipment, with household waste
- Contact your local waste disposal authority for information on the correct way to dispose of tools

## **OTHER SAFETY INSTRUCTIONS:**

### **1. KNOW YOUR TOOL**

Read and understand the manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards in relation to the tool.

### **2. KEEP YOUR WORK AREA CLEAN**

Cluttered areas and benches invite accidents. Floors must not be slippery.

### **3. KEEP CHILDREN AWAY**

All visitors and children should be kept a safe distance from work area.

### **4. DO NOT ABUSE THE CORD**

Never carry the tool by the power cable or pull it from the socket. Keep the power cable away from heat, oil and sharp edges. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.

### **5. WEAR PROPER CLOTHING**

Do not wear loose clothing, neckties or jewellery (rings, wrist watches) to catch in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair. Roll sleeves above the elbow.

### **6. STORED TOOLS**

When not being used, all tools should be stored in a dry, locked cupboard and out of reach of children.

### **7. CHECK TOOL REGULARLY**

Before each use check the tool carefully. The tool should be checked carefully to determine that it will operate properly and perform its intended function. Do not use the tool if it has any damaged parts.

### **8. STAY ALERT**

Always watch what you are doing and use common sense.

### **8. USE SAFETY GOGGLES**

Wear CE approved safety goggles. Normal spectacles only have impact resistant lenses, they are NOT safety glasses.



#### **IMPORTANT:**

No liability is accepted for the incorrect use of the product. Whilst every effort has been made to ensure accuracy of information contained in this manual the DK Tools Ltd policy of continuous improvement determines the right to make modifications without prior warning.