

# DURATOOL



**Model: D00671**

**320W Soldering & Rework Station**

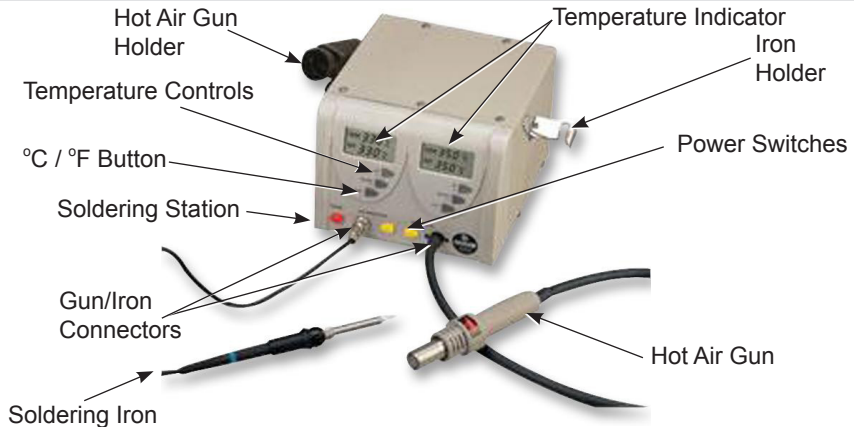
**Please read these instructions carefully before use and retain for future reference.**

## **IMPORTANT SAFETY INFORMATION**

**When using electrical appliances basic safety precautions should always be followed.**

- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the appliance to the mains power supply.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- This appliance contained no user-serviceable parts. All repairs should only be carried out by a qualified engineer. Improper repairs may place the user at risk of harm.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not leave the soldering station unattended, while it is powered on.
- The nozzle and accessories of this tool become extremely hot during use. Let these parts cool down before touching or changing accessories.
- Turn off the power before connecting or disconnecting the hot air gun or iron to the control station.
- Ensure there is sufficient space and ventilation around the appliance to allow the escape of heat and or fumes.
- Do not use the product near flammable items.
- Turn the power off when this product is not in use.
- The soldering irons must be placed in their holders when not in use.
- Before storage, turn the power off and allow the product to cool down to room temperature.
- Do not use this product for anything else other than that for which it is designed.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not use this appliance with wet hands.
- Do not expose the soldering station to rain or moisture.
- This appliance must be earthed.

## **OVERVIEW**



## WHAT'S INCLUDED?

- Control Station with hot air gun holder
- Soldering Iron
- Hot air gun with 4 nozzles
- Iron holder with sponge
- User Manual

## APPLICATION & OPERATION

**Note:** The first time you use the soldering irons, they may smoke slightly as the heating element dries out. This is normal and should only last for a few minutes.

**ONLY USE FOR ELECTRICAL WORK** - Acidic solder will damage the iron tip.

- Remove the four transit screws from the underside and assemble the separate stand then place the tools in their holders. Dampen the sponge and place it in the tray on the holder.
- Connect the plug on the soldering iron lead to the socket below the left hand display and tighten the locking ring finger tight.
- Connect the mains lead and plug into the mains supply and turn on the power using the switch on the rear of the unit.
- The yellow buttons on the front panel switch the two parts of the unit on or off.
- The LCDs will illuminate when the switch is on and the display shows the previously set temperature.
- Between use (or during breaks), always put the soldering iron and hot air gun into their holders.
- Lower the temperature of the iron during breaks as this extends the life of the tip.
- When any soldering work is done, adjust the temperature to 270°C or switch off the power first, clean the tip and tin with fresh solder to protect it from oxidation.

**Note:** Applicable to the soldering iron only - not the hot air gun.

### Adjusting the temperature

- Adjust the temperature for the iron or hot air gun by pressing the UP or DOWN buttons on the relevant half of the station front panel.
- The lower figure is the required temperature, the upper figure shows the actual tip temperature.



While the iron is heating up to the required temperature “HEAT ON” displays on the LCD.

- If the difference between the required temperature and that of the iron tip is greater than 10° “WAIT” displays on the LCD.
- To change from °C to °F press “°C / °F” button. The display shows °C or °F after the temperature figure.
- Adjust the air flow using the rotary control next to the hot air gun connection.
- Never file down the tips or attempt to clean using abrasives.
- If the tip is worn, replacement Irons are available for this station - see our website or catalogue.



## TIP REPLACEMENT

- Replacing the tip should only be done when the iron is switched off and at room temperature.
- The tip can be changed or replaced by unscrewing the knurled nut barrel.

**Caution:** Damage could occur if the iron is left on without the tip inserted.

- After removing the tip, blow out any remaining oxide dust that may have formed in the tip retaining area of the barrel.

**Warning:** Care should be taken to avoid getting dust in your eyes.

- Replace the tip and tighten the knurled nut barrel assembly with your fingers.
- Pliers should only be used to tighten the nut if loosening occurs when the iron is hot.
- Do not over tighten the nut as the element could be damaged.

## CLEANING

- Cleaning should only be done when the power is switched off and the irons are at room temperature. Use a damp cloth and a small amount of liquid detergent if necessary.
- Never submerge the hot air gun, iron or control station in liquid or allow any liquid to enter the case.
- Do not use any chemicals, abrasives or solvents that could damage the hot air gun, interconnecting leads and pipe, soldering iron or the control station.

## TROUBLESHOOTING

- “ERROR” is displayed - A loose connection - check connection of the iron to the station.
- Tip will not reach set temperature - Defective heating element
- Solder will not wet the tip - Tip temperature is too high.  
Tip is badly oxidized and requires cleaning.

## SPECIFICATIONS

|                                 |               |
|---------------------------------|---------------|
| Input Voltage                   | 220-240V~50Hz |
| Power Consumption - Hot Air Gun | 320W          |
| Power Consumption - Soldering   | 60W           |
| Output Voltage                  | 24V AC        |
| Temperature Range               | 160-480°C     |
| Weight                          | 6.28kg        |



### INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronics Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

