

# DURATOOL



**50W Soldering Iron**  
**Model: D00803**

## IMPORTANT SAFETY INFORMATION

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

- 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 is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.
- Do not operate the appliance with a damaged plug or cord, after a malfunction or after being dropped or damaged in any way.
- If the supply cord is damaged, it must be replaced by a qualified engineer in order to avoid injury or a hazard.
- Ensure there is sufficient space and ventilation around the appliance to allow the escape of heat and/or fumes.
- Do not expose to rain or moisture.
- Never place the product or part of it in water, or operate if your hands are wet.
- Soldering work must be conducted on a stable, non-combustible surface.
- Do not touch any metallic parts near the soldering tip/nozzle.
- The iron must not be left unattended while it is connected to the supply mains.
- Turn the soldering iron off and unplug it when it is not in use.
- This device must be earthed through the mains lead and plug.

**WARNING:** This tool must be placed on its stand when not in use.

## WHATS INCLUDED

- Soldering Iron
- Stand
- User manual

## OPERATION

**Note:** The first time you use the soldering iron, it 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.

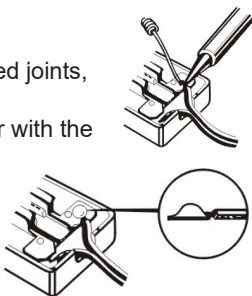
## APPLICATION

- Allow the tip to fully heat up for approximately 45 seconds.
- Set the required temperature by turning the control on the handle.

**Note:** the marked indications are multiplied by 10 ie 25 = 250°C.

- The range is adjustable from 200 to 450°C.
- The lower range is recommended for quick cooling of soldered joints, less dioxides and cleaner joints.
- Clean off any dirt, rust or paint on the part you wish to solder with the supplied tools.
- Heat the part with the soldering iron.
- Apply rosin-based solder to the part and melt it with the soldering iron.

**Note:** If using non-rosin based solder, ensure you apply a soldering paste to the part before applying the solder.



Wait for the solder to cool and harden before moving the soldered part.

**Note:** A soldering sponge is recommended, lightly dampened with water before use. Before soldering, clean the tip on the sponge and then tin the tip with fresh solder. Do not use the sponge dry.

- Between use (or during breaks), always put the soldering iron in the holder.
- When the soldering work is done, switch off the power first, clean the tip and tin with fresh solder to protect it from oxidation.
- Never file down the tips or attempt to clean using abrasives.

## TIP REPLACEMENT

- Replacing the tip should only be done when the iron is switched off and at room temperature.
- It is imperative that the iron is switched off, unplugged and allowed to cool before tip replacement.
- Caution: Damage could occur if the iron is left on without the tip fitted.
- The tip can be changed or replaced by loosening the two lock screws on the barrel at the base of the tip.

**NOTE:** Do not remove the screws completely or the element may be damaged when unscrewing the tip.

- Unscrew the tip using pliers if required to initially loosen.
- 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 using pliers. Do not over tighten.
- Tighten both the lock screws.

## CLEANING

- Cleaning should only be done when the iron is switched off and at room temperature.
- The iron may be cleaned with a damp cloth and a small amount of liquid detergent if necessary.
- Never submerge the soldering iron in liquid or allow any liquid to enter the case.
- Do not use any chemicals, abrasives or solvents that could damage the iron.

## SPECIFICATION

Voltage	200-240V~50Hz
Power	30-50W Max
Temperature	200-450°C
Temperature precision	±3°C



### 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 & Electronic 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.



Made in China  
Faraday Drive, Preston, PR2 9PP (UK)  
Riverside One, Sir John Rogerson Quay, Dublin 2, D02 X576 (EU)

Man Rev 2.0