

# 25W Soldering Iron

## User Manual



**Part Number: DT000471**

## 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.

## What's Included

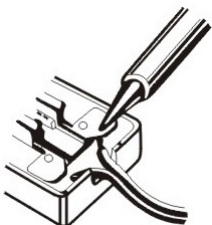
Soldering Iron  
Stand  
User manual

## Application and 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.

- Connect the mains plug and turn on the power.
- Allow the iron to heat up fully before attempting to solder.
- 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.

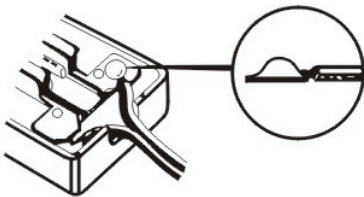


Apply rosin-based solder to the part and melt it with the soldering iron.

Note: When 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: Lightly dampen the sponge 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.

The tip can be changed or replaced by unscrewing the knurled nut barrel.

It is imperative that the iron is switched off, unplugged and allowed to cool before and after tip replacement.

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 hands.

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 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 soldering iron.

## Specifications

Voltage : 220 to 240V ~ 50Hz  
Power : 25W  
Temperature : 380-420°C  
Tip : Long life B2-1

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