



SILVERLINE®

9
PCE

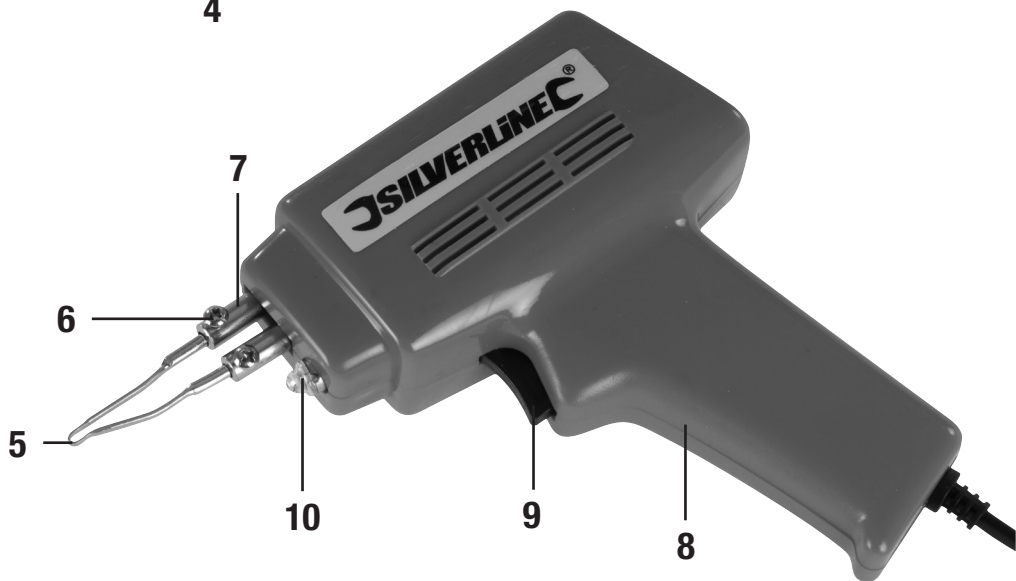
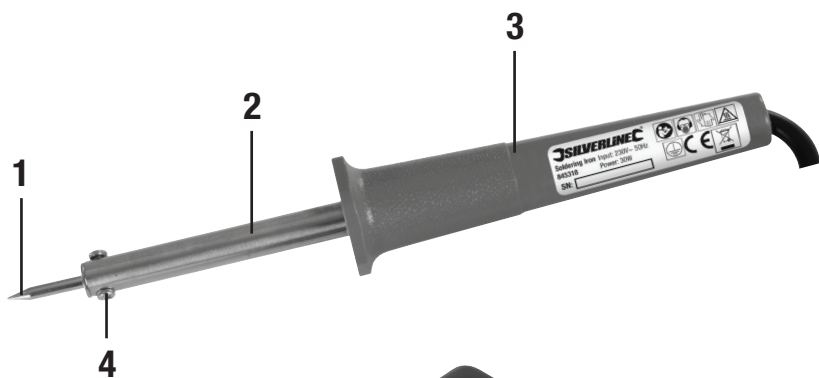
Electric Soldering Kit

100W/30W



- GB** 9pce Electric Soldering Kit
- FR** Mallette de pistolet à souder 9pcs
- DE** Elektrische LötKolben, 9-tlg. Satz
- ES** Herramientas para soldadura eléctrica 9 pzas
- IT** Kit di saldatura elettrico 9pz
- NL** 9-delige elektrische soldeerkit







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Description of Symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use



Wear hearing protection
Wear eye protection
Wear breathing protection
Wear head protection



Wear hand protection



Read instruction manual



Double insulated for additional protection



This product emits poisonous fume



Be aware of hot surfaces



Class I construction (Protective earth)



Conforms to relevant legislation and safety standards



Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice

Specification

Soldering Gun:

Voltage:230V~
Frequency:50Hz
Power:100W
Protection class:

Soldering Iron:

Voltage:230V~
Frequency:50Hz
Power:30W
Protection Class:

As part of our ongoing product development, specifications of Silverline products may alter without notice.

Carefully read and understand this manual and any label attached to the tool before use. Keep these instructions with the product for future reference. Ensure all persons who use this product are fully acquainted with this manual.

Even when used as prescribed it is not possible to eliminate all residual risk factors. Use with caution. If you are at all unsure of the correct and safe manner in which to use this tool, do not attempt to use it.

General Power Tool Safety Warnings

WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work Area Safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control

Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock
NOTE: The term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

Personal Safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury

- e) **Do not overreach. Keep proper footing and balance at all times.**
This enables better control of the power tool in unexpected situations
- f) **Dress properly. Do not wear loose clothing or jewellery.** *Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards*

Power Tool Use & Care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired*
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users*
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation*

Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained*

Soldering Safety

- Soldering tools become extremely hot during use. Do not touch any part of the tool other than the handle
- Switch off and allow the tool to cool completely before 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
- Residual heat may cause waste material to ignite, even after the tool has been disconnected from the power supply
- Never use these tools near any kind of fuel tank or gas cylinder
- Soldering with certain materials may result in toxic fumes. Always allow adequate ventilation. Do not use in confined spaces
- Some types of solder may contain high proportions of lead. Molten lead emits toxic fumes, always wear good quality appropriate breathing protection
- 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
- Always dispose of waste material responsibly

Product Familiarisation

SOLDERING IRON	
1	Soldering Tip
2	Heating Element
3	Handle
4	Locking Screw
SOLDERING GUN	
5	Soldering Tip
6	Locking Screw
7	Heating Element
8	Handle
9	Trigger Switch
10	Work Light
SOLDER SUCKER	
11	Plunger
12	Release Button

Before Use

Carefully unpack and inspect your soldering kit. Fully familiarise yourself with all features and functions of the tools.

If any parts are damaged or missing, have these parts repaired or replaced before use.

Note: The soldering iron tip may emit smoke for a short while on first use. This is normal and is the protective coating burning off the element. It is advisable to do this in a well-ventilated area before regular use.

Operating Instructions

- Always wear appropriate personal protective equipment when soldering

Soldering iron

- The soldering iron is ideal for light electrical work, such as joining wires and mounting components to printed circuit boards
- Before switching on, check that the Soldering Tip (1) is securely fitted. 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
 1. To operate, connect to the mains power supply and allow the soldering iron to reach operating temperature
 2. Hold the Soldering Tip (1) against the wire or component to be soldered. Once hot, add solder to the joint then remove the soldering iron

Soldering gun

- The soldering gun is ideal for joining larger cables and working with sheet metal
- Before switching on, check that the Soldering Tip (5) is securely fitted. The soldering tip should be pushed into the Heating Element (7) and secured by tightening the Locking Screws (6)
- Do not allow the heating element or soldering tip to rest on any surface that may be damaged by heat
 1. To operate, connect to the mains power supply and press the Trigger Switch (9). The Work Light (10) will illuminate, showing that the heating element is powered. Holding the switch for 6-8 seconds will allow the tip to reach full operating temperature

2. Hold the Soldering Tip (5) against the cable or component to be soldered. Once hot, add solder to the joint then remove the soldering gun

NOTE: The duration of the electrical current (operated by the switch) controls the soldering temperature. To maintain a constant temperature, apply current in short bursts of no more than 12 seconds

Solder sucker

- The solder sucker is used to remove unwanted molten solder
 1. Press the Plunger (11) fully until it locks in position (a click will be heard)
 2. Use the soldering iron, or soldering gun, to melt the unwanted solder
 3. Hold the solder sucker tip near to the molten solder
 4. Press the Release Button (12). The Plunger will spring back to draw the solder into the sucker

NOTE: The solder sucker will periodically need to be emptied. Unscrew the nose of the solder sucker and tip out waste solder. Take care to retain the internal return spring. Reassemble and tighten before use

Maintenance

Tip replacement

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

1. Slacken the Locking Screws (4 & 6) and withdraw the Soldering Tip (1 & 5)
2. Push the replacement soldering tip into the Heating Element (2 & 7) and retighten the Locking Screws (4 & 6)

Cleaning

- Disconnect from the mains supply before cleaning
- Always clean dust and particles away, and never allow ventilation holes to become blocked. Do not allow waste to collect on any part of the tool. Use a soft brush, or dry cloth to clean the machine; if available blow through the ventilation holes with clean, dry, compressed air

Disposal

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

Silverline Tools Guarantee

This Silverline product comes with a 3 year guarantee

Register this product at www.silverlinetools.com within 30 days of purchase in order to qualify for the 3 year guarantee. Guarantee period begins according to the date of purchase on your sales receipt.

Registering your purchase

Registration is made at silverlinetools.com by selecting the Guarantee Registration button. You will need to enter:-

- Your personal details
- Details of the product and purchase information

Once this information is entered your guarantee certificate will be created in PDF format for you to print out and keep with your purchase.

Terms & Conditions

Guarantee period becomes effective from the date of retail purchase as detailed on your sales receipt.

PLEASE KEEP YOUR SALES RECEIPT

If this product develops a fault within 30 days of purchase, return it to the stockist where it was purchased, with your receipt, stating details of the fault. You will receive a replacement or refund.

If this product develops a fault after the 30 day period, return it to:

Silverline Tools Service Centre
PO Box 2988
Yeovil
BA21 1WU, UK

The guarantee claim must be submitted during the guarantee period.

You must provide the original sales receipt indicating the purchase date, your name, address and place of purchase before any work can be carried out.

You must provide precise details of the fault requiring correction.

Claims made within the guarantee period will be verified by Silverline Tools to establish if the deficiencies are related to material or manufacturing of the product.

Carriage will not be refunded. Items for return must be in a suitably clean and safe state for repair, and should be packaged carefully to prevent damage or injury during transportation. We may reject unsuitable or unsafe deliveries.

All work will be carried out by Silverline Tools or its authorized repair agents.

The repair or replacement of the product will not extend the period of guarantee

Defects recognised by us as being covered by the guarantee shall be corrected by means of repair of the tool, free of charge (excluding carriage charges) or by replacement with a tool in perfect working order.

Retained tools, or parts, for which a replacement has been issued, will become the property of Silverline Tools.

The repair or replacement of your product under guarantee provides benefits which are additional to and do not affect your statutory rights as a consumer.

What is covered:

The repair of the product, if it can be verified to the satisfaction of Silverline Tools that the deficiencies were due to faulty materials or workmanship within the guarantee period.

If any part is no longer available or out of manufacture, Silverline Tools will replace it with a functional replacement part.

Use of this product in the EU.

What is not covered:

Silverline Tools does not guarantee repairs required as a result of:

Normal wear and tear caused by use in accordance with the operating instructions eg blades, brushes, belts, bulbs, batteries etc.

The replacement of any provided accessories drill bits, blades, sanding sheets, cutting discs and other related items.

Accidental damage, faults caused by negligent use or care, misuse, neglect, careless operation or handling of the product.

Use of the product for anything other than normal domestic purposes.

Change or modification of the product in any way.

Use of parts and accessories which are not genuine Silverline Tools components.

Faulty installation (except installed by Silverline Tools).

Repairs or alterations carried out by parties other than Silverline Tools or its authorized repair agents.

Claims other than the right to correction of faults on the tool named in these guarantee conditions are not covered by the guarantee.

Battery Guarantee

Silverline batteries are guaranteed for 30 days. If a defect occurs on a registered battery during the term of the Battery Guarantee, due to material or manufacturing fault, then Silverline will replace it free of charge. This guarantee does not apply to commercial use nor does it extend to normal wear and tear or damage as a result of accident, abuse or misuse.

CE Declaration of Conformity

The undersigned: Mr Darrell Morris

as authorised by: Silverline

Declares that:

This declaration has been issued under the sole responsibility of the manufacturer. The object of the declaration is in conformity with the relevant Union harmonisation Legislation.

Identification code: 845318

Description: Electric Soldering Kit

Conforms to the following directives and standards:

- Low Voltage Directive 2014/35/EU
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU
- EN 60335-1:2012
- EN 60335-2-45:2002+A1:2008+A2:2012
- EN 61000-6-3:2007+A1:2011+AC:2012

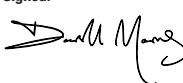
- EN 61000-3-2:2014
- EN 61000-3-3:2013
- EN 61000-6-1:2007

Notified body: CTS Testing Service Technology

The technical documentation is kept by: Silverline

Date: 16/08/2016

Signed:



Mr Darrell Morris

Managing Director

Name and address of the manufacturer:

Powerbox International Limited, Company No. 06897059. Registered address: Powerbox, Boundary Way, Lufton Trading Estate, Yeovil, Somerset, BA22 8HZ, United Kingdom.