



SOLDERING TORCH INDEXING BUTANE HEAVY-DUTY

MODEL NO: **AK2972**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to
instructions



Wear eye
protection



Wear protective
gloves



Hot surfaces

1. SAFETY

- ☐ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment, make sure you know where the nearest fire extinguisher is.
- ☐ **WARNING!** Always wear approved eye/ face protection when operating the torch.
- ☐ **WARNING! DO NOT** use the torch if you notice that it is damaged or if there could be a gas leak from it.
- ☐ **WARNING!** Butane gas is extremely flammable, handle with care.
- ☐ **WARNING!** Always point the torch away from the eyes and body when igniting and during operation.
- ☐ **WARNING! DO NOT** put the torch down when it is lit, **DO NOT** leave it unattended.
- ☐ **WARNING!** The flame is not easily visible in bright daylight.
- ☐ **WARNING!** Ensure the flame is completely extinguished after use. **DO NOT** use water to cool the torch down.
- ☐ **WARNING!** Only use in a well ventilated area.
- ☒ **DO NOT** use the torch in an area where paint fumes, solvents or other flammable solids, liquids or gases pose a potential hazard. Keep flammable material away from the torch when operating.
- ☒ **DO NOT** operate the torch when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ☒ **DO NOT** hold any workpiece by hand.
- ☒ **DO NOT** touch the workpiece close to the heated area as it will be very hot. Allow to cool.
- ☒ **DO NOT** operate the torch if it is damaged as this may cause failure and/or possible personal injury.
- ☒ **DO NOT** touch the top of the torch during or immediately after use, as it will be very hot. Allow to cool.
- ☒ **DO NOT** allow children to operate the torch.
- ☒ After use, allow the torch to cool before storing it.
- ☒ When not in use, store away from direct sunlight in a safe, dry, childproof location.
- ☒ **DO NOT** store at over 40°C, such as in a car in hot weather.
- ☒ **DO NOT** modify the appliance.
- ☒ The appliance should be operated away from flammable materials
- ☒ When filled, it will contain flammable gas under pressure
- ☒ **DO NOT** puncture or put in fire.
- ☒ Make sure the flame is off and the unit cool before refilling.
- ☒ **DO NOT** keep lit for more than 5 minutes.
- ☒ Allow the torch to cool down before storage. Store the appliance in well ventilated area and ensure the flame is off and the unit cool after use.
- ☒ Use only Sealey original spare parts.
- ☒ **DO NOT** use torch as a cigarette lighter.
- ☒ Be extra careful when using the torch outdoors on sunny or windy days. Wind may carry the torch's heat back toward you or other areas which are not intended to be heated.
- ☒ Always check to make sure no unintended parts or materials are being heated.
- ☒ Whenever there is a possibility that unintended material has been heated, wait at least two hours before leaving the area.
- ☒ **DO NOT** inhale soldering fumes.
- ☒ Follow refilling procedure to avoid serious accidents.

2. INTRODUCTION

Piezoelectric ignition with anti-flare burner, safety lock and continuous flame switch. Fitted with three position indexing head as well as magnetic stand for hands-free operation. Adjustable flame with a maximum temperature of 1300°C. 45-60 Minute run time with 35ml fuel capacity. Powered by butane (lighter fuel).

3. SPECIFICATION

MODEL NO:.....AK2972

Height: 210mm

4. OPERATION

4.1. NOZZLE ANGLE (fig.1)

4.1.1. The nozzle can be adjusted to three locked positions by depressing the button on the side of the head.

4.2. IGNITION SWITCH (fig.2)

4.2.1. To operate the piezo electric igniter, slide the cover to one side and depress the trigger.

This will cause a spark to be generated and gas to flow.

4.3. CONTINUOUS FLAME (fig. 1)

4.3.1. To enable continuous running, depress the small button on the side of the unit. To stop continuous running, depress the button.

4.4. GAS FLOW ADJUSTMENT (fig.1)

4.4.1. To adjust the gas volume, slide the lever to the desired volume / performance. There are embossed marking to indicate levels 1-4.

4.5. FLAME ADJUSTMENT (fig.1)

4.5.1. To adjust the flame, rotate the nozzle collar to allow more or less air to be used in the combustion process. There are embossed markings on the unit to indicate max/min.



5. MAINTENANCE

5.1. REFILL

5.1.1. Fill only with butane gas. It may be hazardous to attempt to fill with other types of gas.

5.1.2. Refill in a well-ventilated area, away from naked flames, heat sources, combustible materials or another person.

5.1.3. Ensure the unit is off and cooled before refilling.

5.1.4. Placing the soldering torch in an upside-down position, Insert the gas canister into the torch refilling valve.

5.1.5. Fill slowly. **DO NOT** overfill. When gas starts to flow out, stop filling.

5.1.6. After filling, wipe lighter and hands dry before Igniting.

5.1.7. The refilling operation takes some minutes to allow the gas to stabilize.

5.1.8. For next refilling, let the torch cool down for minimum of 5 minutes before filling the tank.

5.2. CLEANING

5.2.1. Shut down the torch and let it cool completely before cleaning.

5.2.2. The outside of the unit can be cleaned with a damp cloth with a little mild detergent.



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.



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