



# INDUCTION HEATER 1000W

MODEL NO: **VS240**

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



Electrical shock hazard



Hot surfaces



Do not use in the vicinity of a pacemaker



Wear eye protection



Wear protective gloves



Warning magnetic field



Indoor use only

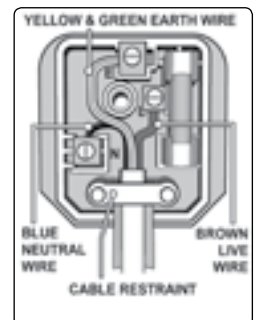
## 1. SAFETY

### 1.1. Electrical Safety

- WARNING!** It is the user's responsibility to check the following:  
Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. You may obtain an RCD by contacting your local Sealey dealer. If the heater is used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.
- ✓ Electrical safety information, it is important that the following information is read and understood.
- ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- ✓ Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- ✓ Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.
- ✗ **DO NOT** pull or carry the appliance by the power cable.
- ✗ **DO NOT** pull the plug from the socket by the cable.
- ✗ **DO NOT** use worn or damaged cables, plugs or connectors.
- ✓ This product is fitted with a BS1363/A 13 Amp 3 pin plug.  
If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- ✓ Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.
  - a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
  - b) Connect the BROWN live wire to the live terminal 'L'.
  - c) Connect the BLUE neutral wire to the neutral terminal 'N'.
 Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.
- ✓ Sealey recommend that repairs are carried out by a qualified electrician.
- ✓ Only use one single extension cable at a one time. **DO NOT** daisy chain extension cables. Unwind the extension cable fully.



Wear respiratory mask (fumes)



Recommended fuse rating  
**13 Amp**

### 1.2. General

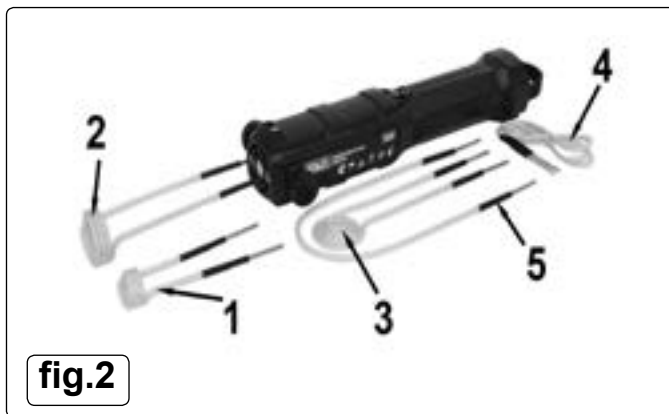
- ✗ **DO NOT** touch heating parts with bare hands.
- ✗ **DO NOT** touch live electrical parts or electrodes with bare skin or wet clothing.
- ✗ **DO NOT** operate in the vicinity of containers under pressure, or in the presence of explosive dust, gases or fumes.
- ✗ **DO NOT** cover or stick objects into any of the ventilation holes on the equipment.
- WARNING!** The magnetic fields created by high currents may affect the operation of pacemakers. Wearers of vital electronic equipment or those who have metallic surgical implant should consult their Doctor before using Induction heater.
- ✗ **DO NOT** wear clothing with metallic components e.g. belt buckles, buttons, zips when working with the induction heater as it can cause such items to heat up.
- ✓ Remove any metallic components e.g. keys, chains, tools etc. while you operate the induction heater and **DO NOT** wear any metallic objects such as jewellery, watches, piercings etc. on your body.
- ✗ **DO NOT** use the heating element within 10cm of any airbag component.
- ✗ **DO NOT** use the induction heater in the rain or in humid conditions or immerse it in water.
- ✗ **DO NOT** leave the induction heater unattended whilst turned on.
- ✗ **DO NOT** attempt to repair or service the induction heater.
- ✓ Ensure area is adequately ventilated and dry.
- ✓ Ensure ambient temperature is between -10 to 40 °C
- ✓ Avoid using in bright sunshine or rain.
- ✗ **DO NOT** use the machine in an environment where the air is polluted with conductive dust or gases.
- ✗ **DO NOT** attempt to heat aerosol and paint cans or any pressurised containers used for storing fuel, gases and liquids.
- ✗ **DO NOT** use any heating coil if insulation has been breached to avoid sparking on contact with a metal surface.
- WARNING!** Due to the heat generated by the induction coils blistering of painted surfaces will happen if over heated.
- WARNING!** Fumes and smoke from hot/burning adhesives are toxic. Wear a suitable mask in such circumstances.

## 2. INTRODUCTION

Mobile induction heater for fast heat delivery. Install appropriate coil and place over or around ferrous metal. Ideal for loosening stubborn and seized fixings. Supplied with pad coil for plastic trim/sticker removal. Induction element delivers high heat fast and effectively. Supplied in carry-case.

## 3. SPECIFICATION

Model No .....	VS240
Supply .....	230V
Frequency .....	50/60Hz
Power .....	1000W
Duty Cycle .....	2 minutes ON - 5 minutes OFF
Net weight .....	1.7kg
VS2303 .....	Direct Coil - Ø20mm (fig.2-1)
VS2307 .....	Direct Coil - Ø32mm (fig.2-2)
VS2309 .....	Pad Coil - Ø55mm (fig.2-3)
VS2410 .....	Flex Coil - 830mm (fig.2-4)
U-Coil .....	430mm (fig.2-5)



## 4. OPERATION

- 4.1. **Work Cycle** - two minutes on, 5 minutes off.
- 4.2. **NOTE: DO NOT** use the induction heater longer than for one work cycle. The circuit board has overheating protection but the electrodes do not.
- 4.3. **Direct Coil/Side Coil**
  - 4.3.1. Coil to heat nuts/bolts, screws etc. fig.1. Keep gap of 3-4mm between coil and object being heated. **DO NOT** reuse bolts as heat may have effected the physical properties of the bolt.
- 4.4. **Pad Coil Ø55mm**
  - 4.4.1. Use Pad coil for heating of sheet steel to assist with the removal of decals, stickers, sealants/putties, use the coil approximately 5mm away from the surface of the steel sheet.
    - WARNING!** Over heating will damage painted surfaces. No liability will be accepted for damage caused by improper use.
- 4.5. **Flex Coil 830mm**
  - 4.5.1. Use Flex coil when it is not possible to use direct coils due to space, or position of object to be heated. Can be used on exhaust pipes and suspension parts, by wrapping the coil around the part before connecting to the torch.

## 5. MAINTENANCE

- WARNING!** Before maintenance and any repair, the power supply must be turned off and the plug removed from the socket.
- 5.1. Remove dust by using clean dry compressed air regularly, if operating in a dusty environment this should be done on a daily basis.
  - 5.2. Check cables for any sign of damage, if any part of the heater is damaged replace or repair. If in doubt contact a qualified electrician.
  - 5.3. Avoid water and steam entering the machine, if this happens disconnect from power source and allow to dry, **DO NOT** use unless it has been checked by a qualified electrician.
  - 5.4. If not in use the machine and attachments should be stored in a dry, childproof area.

## 6. TROUBLESHOOTING

- 6.1. The induction heater switches itself off when it overheats, however, the electrodes **DO NOT** have protection against overheating. This is the reason for a work cycle (4.1).
- 6.2. If the induction heater switches off suddenly and the LED lamp changes to blinking mode make sure that the power supply is not interrupted. If you are using an extension cord, make sure there are no kinks in it. Let the device cool down for at least 15 minutes and then try again.
- 6.3. If the problem persists, please contact your Sealey stockist.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or telephone 01284 757500



#### 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.



#### 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.

**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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