

PowerG[®]

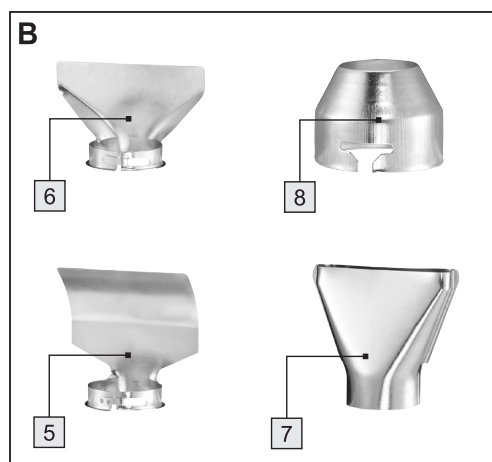
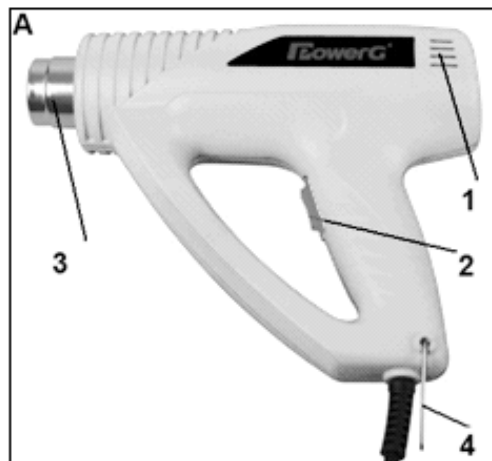
2000W Heat Gun

PG2000HG




Manufacturer: SUMEC Hardware & Tools Co., Ltd
1# Xinghuo Road, National level Nanjing High-Tech Zone,
Nanjing 210061 P.R. China













TECHNICAL DATA

Heat gun	PG2000HG
Rated voltage/ Frequency	230/240V~50Hz
Rated power	1000/2000W
Temperature	350/550°C
Air flow	300/500 L/min
Protecting class	II / 

DESCRIPTION OF SYMBOLS

Please read all of the safety and operating instructions carefully before using this tool. Please pay particular attention to all sections of this User Guide that carry warning symbols and notices.

	Read instruction manual!
	Observe caution and safety notes!
V	Voltage
W	Watts (Effective power)
n ₀	No-load speed.
	Protect electrical power tool from moisture!

	Caution – electric shock! Danger to life!
	Check that the device, mains lead and plug are in good condition!
	Safety class II
	Wear hearing protection, dust protection mask, protective glasses and protective gloves.
	Dispose packaging and appliance in an environmentally -friendly way!

GENERAL SAFETY INSTRUCTIONS

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.

1) Work area safety


- a) Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) 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.

- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) **Electrical safety**



To avoid danger to life from electric shock:

- a) **The mains plug on the device must match the mains socket. The plug must not be modified in any way. Do not use an adapter plug with devices fitted with a protective earth.**
Unmodified plugs and matching sockets reduce the risk of electric shock.
- b) **Avoid touching earthed surfaces such as pipes, radiators, ovens and refrigerators with any part of your body.** There is an increased risk of electric shock if your body is earthed.
- c)  **Keep the device away from rain or moisture.** Water entering an electrical device increases the risk of electric shock.
- d) **Do not use the mains lead for any purpose for which it was not intended, e.g. to carry the device, to hang up the device or to pull the mains plug out of the mains socket. Keep the mains lead away from heat, oil, sharp edges or moving parts of the device.** Damaged or tangled mains leads increase the risk of electric shock.
- e) **When working outdoors with an electrical power tool always use extension cables that are also approved for use outdoors.**
The use of an extension cable suitable for outdoor use reduces the risk of electric shock.
- f) **Use a residual current device (RCD) for protection if operating the electrical power tool in a moist environment is unavoidable.**
The use of an RCD reduces the risk of electric shock.

3) Personal safety

- a) **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.
- b) **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.
- c) **Avoid unintentional operation of the device. Check that the electrical power tool is switched off before you connect it to the mains, pick it up or carry it.** Accidents can happen if you carry the device with your finger on the ON / OFF switch or with the device switched on.
- d) **Remove any setting tools or spanners before you switch the device on.** A tool or spanner left attached to a rotating part of a device can lead to injury.
- e) **Avoid placing your body in an unnatural position. Keep proper footing and balance at all times.** By doing this you will be in a better position to control the device in unforeseen circumstances.
- f) **Wear suitable clothing. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves clear of moving parts.**
Loose clothing, jewellery or long hair can become trapped in moving parts.
- g) **If vacuum dust extraction and collection devices are fitted do not forget to check that they are properly connected and correctly used.** The use of these devices reduces the hazard presented by dust

- c) **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.
- d) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- e) **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- f) **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.

4) tool use and care

- a) **Do not force the power tool. Use the power tool correctly for your application.** The correct use will do the job better and safer at the rate for which it was designed.
- b) **Do not use the power tool if the on/off switch is not working correctly .** 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.

SPECIAL SAFETY RULES FOR HEAT GUN

- a)** Children or persons who lack the knowledge or experience to use the device or whose physical, sensory or intellectual capacities are limited must never be allowed to use the device without supervision or instruction by a person responsible for their safety. Children must never be allowed to play with the device.

Attention! To avoid the danger of injury, burning and dangers to your health:

- b)**  If danger arises, pull the mains plug immediately out of the mains socket.

Danger of Personal Injury!

Never use the appliance as a hair dryer.

- c)** Do not direct the heat flow at persons or animals.
- d)** Do not look directly into the opening of the heat nozzle .



e) **Danger of burns!** Do not touch the hot nozzle. Wear protective gloves.



f) Wear protective glasses!



g) **Danger of Fire and Explosion!** The appliance develops very high temperatures.



h) If the device is not used carefully, it can give rise to increased risk of fire or explosion.

- i) Do not work in the vicinity of easily ignitable gases or materials. Heating of plastics, paints, varnishes etc. can lead to the creation of gases that are hazardous to health. Make sure you always have adequate ventilation.
- j) Let the device cool down completely before you put it into storage. Always place your heat gun down on its end, with the nozzle pointing upwards.
- k) In addition, you should never leave the device working unattended.
- l) When taking a break from your work, before carrying out any tasks on the device itself (e.g. changing the nozzle) or when you are not using the device, always pull the mains plug out of the mains socket.
- m) Do not direct the device at the same spot for too long a period.
- n) Maintain a distance between the jet outlet nozzle and the workpiece or the surface being heated. An air blockage could lead to overheating of the appliance.
- o) Pay heed to the direct working area and also to its surroundings. The heat produced could reach to inflammable articles located out

of the visible area.

- p) Always keep the device clean, dry and free of oil or grease.
- q) Never use the device for a purpose for which it was not intended.

5) 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.

APPLICATION

Intended use

The heat gun is intended for the removal of paint, for warming (e.g. heat-shrinkable sleeves) and for reshaping and welding of plastics. It may also be used for detaching glued connections and for defrosting or thawing water pipes. Any other use or modification to the device shall be considered as improper use and could give rise to considerable dangers. The manufacturer will not accept liability for loss or damage arising from improper use. The device is not intended for commercial use.

Check the delivery parts

Carefully remove the machine from its packaging and check as the following parts are complete:

Heat gun

1 Reflector nozzle

1 Protector nozzle

1 Flat nozzle

- 1 Reducer nozzle
- 1 Operating instructions

Product Features

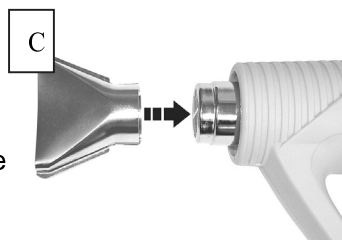
The numbering of the product features refers to the illustration of the machine on the graphics page (Pic. A, B)

- 1 Air inlet
- 2 ON / OFF switch & temperature and air flow regulator
- 3 Nozzle
- 4 Staple
- 5 Reflector nozzle
- 6 Protector nozzle
- 7 Flat nozzle
- 8 Reducer nozzle

Before Operation

Fitting/Changing the nozzle

- a) Select the required nozzle.
- b) Push the nozzle attachment over the heat nozzle on the heat gun. Ensure the nozzle attachment is firmly fitted.(Pic.C)



Operation

The mains voltage at the mains socket must match that shown on the rating plate on the device.



Caution! When using the device, never allow the ventilation slots to be covered.



Caution! Danger of burns! Do not touch the hot nozzle.

Switching on the device

Press the ON / OFF switch 2 into setting “I” or “II”.

Switching off the device

Press the ON / OFF switch 2 into setting “0”.

Adjusting the air quantity and temperature

You can use the temperature and air quantity control 2 to set two different blower levels. It is therefore possible to select the appropriate quantity of air and temperature in accordance with the intended use:

Setting I	300 l / min	350 °C
Setting II	500 l / min	550 °C

- Direct the hot air onto the painted area to be removed.
- When the paint softens, scrape firmly. If the softened paint is not removed immediately it will re-harden.

WARNING! Surfaces and nozzles become very hot during use - do not touch. Allow to cool completely before changing the nozzle.

Reflector nozzle 5 – for shaping plastic pipes or tubes

- a) Place the reflector nozzle 5 on the outlet tube .
- b) Fill the pipe or tube with sand and ensure it is closed at both ends.
This will prevent the pipe or tube from kinking.
- c) Warm the pipe evenly, in that you move it back and forth.

Protector nozzle 6 – for removing paint and varnish

- a) Place the protector nozzle 6 on the outlet tube .
- b) The spatula shape of the nozzle ensures the air is properly directed.
Use a separate spatula for removing paint or varnish.

Flat nozzle 7 – for detaching glues, softening paint

- a) Place the flat nozzle 7 on the outlet tube .
- b) Do not apply heat for too long a period, as burnt paint becomes much more difficult to remove. Many glues can be softened by warming. Glued connections can then be detached and excess glue removed.

Reducing nozzle 8 – for welding plastic

- a) Place the reducer nozzle 8 on the outlet tube.
- b) Use the reducing nozzle 8 for heat-shrinkable sleeves and film.

Further examples of uses in the house, car and garden

Defrosting water pipes:

Notice! It must not be used for thawing PVC pipes.

Notice! It is often very difficult to tell the difference between gas pipes and water pipes. If in doubt, ask a competent person.

Notice! Copper pipes are joined using tin solder and must not be heated above 200 °C.

Use the reflector 5 to defrost water pipes.

Loosening a threaded connection

Heating the threaded connection carefully can often allow the connection to be released.

Removing weeds

The heat dries out the weeds and microorganisms.

Lighting barbecue charcoal



Warning! Do not use methylated alcohol.

Charcoal ignites in a few minutes.

Wax removal:

You can remove wax residues from skis / snowboard or from candle holders. Use the amount of care appropriate to the product.

D

Use staple 4 as free-standing unit during cooling (see Pic. D)



Always set the device down upright on a level surface, this will allow you to have both hands free the device to cool.

Maintenance and cleaning



Warning ! Before you carry out any work on the Heat Gun always pull the mains plug out of the mains socket.

- Keep the air inlet and outlet clean.
- Use a cloth to clean the housing. Use a soft cloth to clean the housing. Never use petrol, solvents or cleaning agents as these may attack the plastic.

Do not dispose of electrical appliances with your domestic waste!



1) The packaging comprises exclusively environmentally-friendly material. Dispose of it in your local recycling containers.

2) Take the battery to your nearest authorized service center or distributor that has been designated as a battery recycling location.

Guarantee and Service

This product is guaranteed for 1 year from the original date of purchase, the guarantee applies to material and production defects. This warranty is not valid without the original dated receipt of purchase.

If the product shows defect as a result of material and production defects during the period of guarantee, providing that the product has been used properly and for the purpose which it has been intended, then faulty products will either be replaced or refunded.

The guarantee does not cover accidental damage or misuse.

This product must be used in accordance with the instructions contained in this manual.

The guarantee will be rendered invalid if the product has been damaged by unauthorised repairs or resold.

Accessories are not covered by the guarantee.

If you have any problems or questions concerning the product, please contact our customer helpline on 0844 856 0793.

SUMEC

Declaration of Conformity

We,

SUMEC Hardware & Tools Co.,LTD

**1# Xinghuo Road, National level Nanjing High-Tech Zone,
Nanjing 210061 P.R. China**

Declare that the product

Heat Gun

Model No. PG2000HG

Complies with the essential safety and health requirement of the following directives:

2004/108/EC

2006/95/EC

Standards and technical specification referred to:

EN 55014-1:2006

EN 55014-2/ A1:2001

EN 61000-3-2:2006

EN 61000-3-3/ A2:2005

EN 60335-2-45:2002

EN 60335-1/A13:2008

EN 62233:2008

Authorized Signatory

Date: 01.01.2010

Signature:

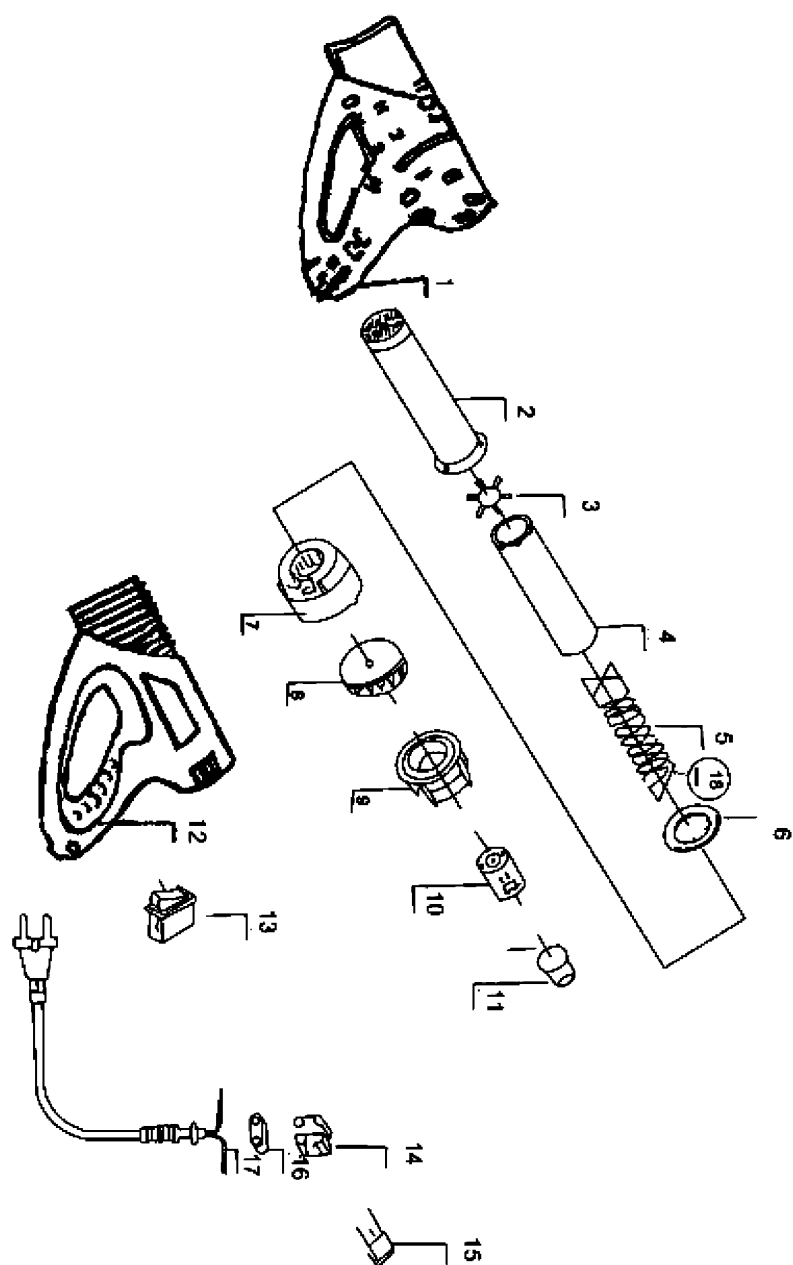
Cai Ji Bo

Name: Cai Jibo

General Manager

SUMEC Hardware & Tools Co.,LTD





Ref.	Description	Ref.	Description
1	Plastic housing	10	D.C Motor
2	Steel tube	11	Rectifier
3	Micanite plate fix	12	Plastic housing
4	Micanite paper tube	13	Switch
5	Micanite housing and heating element	14	Terminal block
6	Plastic ring	15	Capacitor
7	Fan cave	16	Cord grip
8	Fan blade	17	Rubber sleeve
9	Motor base	18	Terminal link

2000W Heat Gun
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