#832002

Instructions

Heat gun

832002

LIST OF MAIN PART

1	Heat nozzle
2	Air intake openings
3	On/off switch
4	LCD display
5	Storage button
6	Mode selection button
7	Button for decreasing temperature
8	Button for increasing temperature
9	Button for increasing air flow
10	Button for decreasing air flow
11	BMC
12	Reducer nozzle
13	Reflector nozzle
14	Glass protector nozzle
15	Flat nozzle
16	Scraper

IMPORTANT INFORMATION

1. INTENDED USE

The heat gun is intended for the forming and welding of plastic, removal of paint and the warming of heat shrinkable tubing.

WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

2. SCOPE OF DELIVERY

After unpacking the product, check if the delivery is complete and if all parts are in good condition. Remove all packing materials before use.
When parts are missing or damaged, please contact your dealer.

Heat gun	1 pc
Reducer nozzle	1 pc
Reflector nozzle	1 pc
Glass protector nozzle	1 pc
Flat nozzle	1 pc
Scraper	1 pc
BMC	1 pc
Instruction manual	1 pc

3. TECHNICAL SPECIFICATIONS

Model	**832002**
AC Voltage/Frequency	220-240 V/50-60 Hz
Rated output	2000 W
Mode I	50°C /250-500 L/min
Mode II	50-650°C /250-500 L/min
Dimensions	254X255X84mm
Weight	0,700 Kg

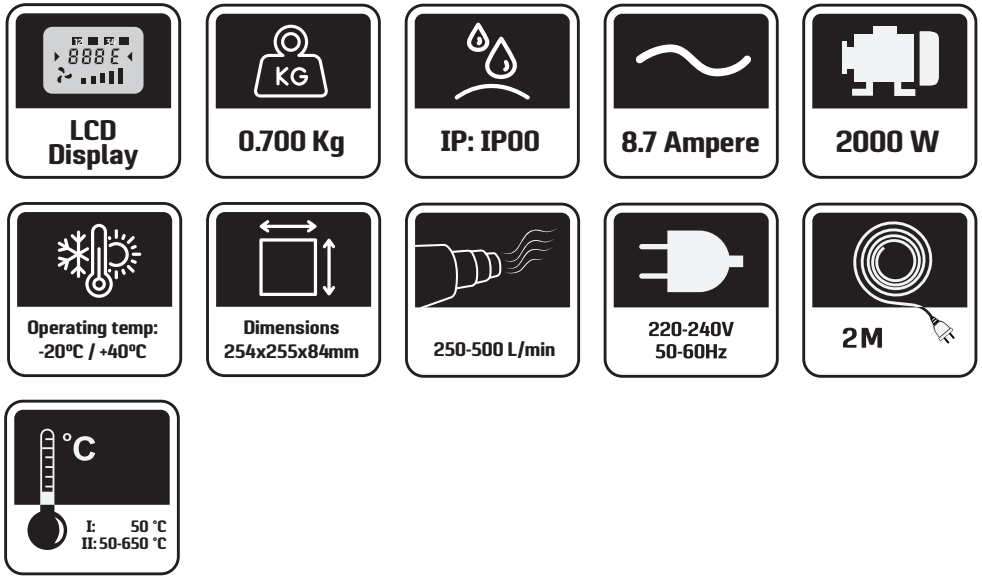
4. DESCRIPTION OF THE SYMBOLS

1. Safety symbols

The use of symbols in this manual is intended to draw your attention to possible risks. The safety symbols and the explanations that accompany them must be perfectly understood. The warnings in themselves do not remove the risks and cannot replace correct actions for preventing accidents.

	This symbol, marking a point of safety, indicates a caution, warning or danger. Ignoring this warning can result in an accident to yourself or others. To limit the risks of injury, fire or electrocution, always follow the recommendations indicated.
	Before any use, refer to the corresponding section in this user manual.
	These symbols indicates the requirement of wearing ear protection, eye protection, respirator and gloves when using the product.
	Conform to CE safety standards.
	Class II machine - Double insulation.
	The crossed-out wheeled bin symbol indicates that the item should be disposed of separately from household waste. The item should be handed in for recycling in accordance with local environmental regulations for waste disposal. By separating a marked item from household waste, you will help reduce the volume of waste sent to incinerators or land-fill and minimize any potential negative impact on human health and the environment.
	This symbol indicates that this heatgun should only be used indoors.
	This symbol indicates that no hazardous substances are used.
	Recyclable packaging symbol. Enviromental repsonsibility.
	Hot surface.
	AC Supply.
	Electrical warning symbol.

2. Product symbols
In this manual and/or on the appliance the following symbols are used. These represent important information about the product or instructions on its use.



5. GENERAL SAFETY WARNINGS FOR THE TOOL

WARNING Read all safety warnings and instructions.
Failure to follow all the warnings and instructions may result in electric shock, fire and/or serious injury. SAVE ALL THE 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. Familiarize yourself with the operating instructions before use.

1. Work area safety
a) **Keep work area clean and well lit.** Cluttered and 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
a) **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.
b) **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.
c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
d) **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.
e) **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.
f) **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.
g) **Disconnect the power** supply before adding or removing any accessories.
h) **Check the tool for any damage** (e.g., power cord, housing) before use and do not operate if damaged.
i) **Ensure the heat gun is properly plugged** into a suitable power outlet (230V).
j) **Do not use the heat gun** if the power cord or plug is damaged.

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) **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.
d) **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 these devices can reduce dust related hazards.

4. Power tool use and care
a) **Do not force the power tool. Use the correct power 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 tools operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

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.
b) **Never service damaged battery packs.** Service of battery packsshould only be performed by the manufacturer or authorized service providers.
c) **Never repair the device yourself.**

PRECAUTION:
When not in use, tools should be stored out of reach of children and infirm persons.

6. ADDITIONAL SAFETY INSTRUCTIONS FOR HEAT GUN

a) **Remember that hidden areas such as those behind walls, ceilings, floors, soffit boards and other panels may contain flammable materials that could be accidentally ignited when stripping paint from the panel.** Such a fire would not be readily apparent, and could cause considerable damage and danger of injury. These heat guns are capable of producing temperatures in excess of 1000° F (538° C).
b) **Do not use this tool as a hair dryer.**
c) **Allow the tool to cool before storing for at least 30 minutes.. Do not lay the heat gun on flammable surfaces when operating the gun or immediately after shutting it off.** Always set the gun on a flat level surface so that the nozzle tip is pointed upward.
d) **Always use good quality scrapers and stripping knives.**
e) **Never obstruct the air intake or nozzle outlet.**
f) **Be sure to direct the hot air blast in a safe direction; away from other people or flammable objects.**
g) **Keep fingers away from metal nozzle; it becomes very hot.**
h) **Don not touch the nozzle to any surface while running or shortly after running.**
i) **Avoid poking anything down inside the nozzle.**
j) **Know your work environment. Remember that areas behind soffit board, ceilings, and floors may contain highly flammable materials.** Check these areas before applying heat.
k) **Clean dry paint from the nozzle after use; it could ignite.**
l) **Clean your scraper blade frequently during use; it could ignite.**
m) **Do not use the heat gun in combination with chemical strippers.**
n) **Do not use accessory nozzles as scrapers.**
o) **Keep nozzle away from cord.**
p) **Do not use to cook or warm food.**
q) **Be constantly aware that this tool can ignite flammable materials, and soften or melt others.** Regardless of the task you are performing, shield or keep away from these materials that are close to the work area.
r) **Do not leave the heatgun unattended.**
s) **Keep the heat gun moving along a surface to avoid overheating any one spot.**
t) **Use only replacement parts and accessories recommended by the manufacturer.**
u) **Do not immerse any part of the product in water or other liquids.** Never hold the product under running water or touch it with wet hands. Avoid using solvents or aggressive cleaners on the product.

Notice: You may occasionally notice some slight smoking of the tool after it is turned off. This is the result of heating the residual oil that was deposited on the heating element during the manufacturing process.

7. EXTRA SAFETY INSTRUCMENTS FOR PERSONS REMOVING PAINT

a) **Keep the work area well ventilated.** Open the windows and put an exhaust fan in one of them. Be sure the fan is moving the air from inside to outside.
b) **Remove or cover any carpets, rugs, furniture, clothing, cooking utensils and air ducts.**
c) **Place drop cloths in the work area to catch any paint chips or peelings.** Wear protective clothing such as extra work shirts, overalls and hats.
d) **Work in one room at a time. Furnishings should be removed or placed in the center of the**

room and covered. Work areas should be sealed off from the rest of the dwelling by sealing doorways with drop cloths.

e) **Children, pregnant or potentially pregnant women and nursing mothers should not be present in the work area until the work is done and all clean-up is complete.**

f) **Wear a dust respirator mask or a dual filter (dust and fume) respirator mask which has been approved by the Occupational Safety and Health Administration (OSHA), the National Institute of Safety and Health (NIOSH), or the United States Bureau of Mines.** These masks and replaceable filters are readily available at major hardware stores. Be sure the mask fits. Beards and facial hair may keep masks from sealing properly. Change filters often. **DISPOSABLE PAPER MASKS ARE NOT ADEQUATE.**

g) **Use caution when operating the Heat Gun.** Keep the Heat Gun moving as excessive heat will generate fumes which can be inhaled by the operator.

h) **Keep food and drink out of the work area.** Wash hands, arms and face and rinse mouth before eating or drinking. Do not smoke or chew gum or tobacco in the work area.

i) **Clean up all removed paint and dust by wet mopping the floors.** Use a wet cloth to clean all walls, sills and any other surfaces where paint or dust is clinging. DO NOT SWEEP, DRY DUST OR VACUUM. Use a high phosphate detergent or trisodium phosphate (TSP) to wash and mop areas.

j) **At the end of each work session, put the paint chips and debris in a double plastic bag, close it with tape or twist-ties and dispose of properly.**

k) **Removed protective clothing and work shoes in the work area to avoid carrying dust into the rest of the swelling.** Wash work clothes separately. Wipe shoes off with a wet rag that is then washed with the work clothes. Wash hair and body thoroughly with soap and water.

l) **Do not use this tool to remove paint containing lead.** The peelings, residue and vapors of paint may contain lead, which is poisonous. Any pre-1960 building may have been painted in the past with paint containing lead and covered with additional layers of paint. Once deposited on surfaces, hand to mouth contact can result in the ingestion of lead. Exposure even to low levels of lead can cause irreversible damage to the brain and nervous system. Young and unborn children are particularly vulnerable.

m) **Do not burn the paint.** Use the scraper and keep the nozzle at least 50 mm away from the painted surface. When working in a vertical direction, work downwards to prevent paint from falling into the tool and burning.

Emergency

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1) Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.
2) Switch off and disconnect from the power supply if there is any malfunction. Have the product checked by a qualified specialist and repaired, if necessary, before you put it into operation again.

Residual risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1) Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
2) Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.
3) Danger of injury and property damage caused by flying objects.

8. QUICK CHANGE ELEMENTS REPLACEMENT STEP

For Ceramic-Based Elements

- Turn outer shield counterclockwise and pull away from housing.
- Loosen bolt and nut on the inner shield and rotate clockwise until the locking knob on the
- housing is visible, Remove the three screws from the cover. Lift back of cover and gently
- slide away from inner shield.
- Remove old element by pulling connectors apart and attach new element in same manner. Using new piece of mica, wrap element and slide into inner shield.
- Re-assemble the bolt through new element using one spacer on each side. Start nut, but do not tighten.
  Slide element into the inner shield so that bolt drops down into slot provided. Slide the inner shield onto the housing and twist counterclockwise until the knob is secured and then tighten bolt and nut. Slide the outer shield on and twist in a clockwise direction.

9. BEFORE USE

Remove any packing material and loose parts from unit. Check the accessories before use. It should be fit with the machine and your purpose.
Before starting up, it is advisable to test the workpiece for the ideal temperature to use. The description below gives an indication of the likely heat settings required but always start with the low heat setting.

The distance between the nozzle and the workpiece will vary according to the material being worked on but this should always be at least 50mm or more on either heat setting.
All applications, with the exception of removing paint from the window frames, can be performed without using a nozzle; however for best results nozzles are recommended.

10. OPERATIOIN

1) Switch on/off (Fig. 1)
The position of the switch controls both the fan speed and the heat output of the gun.

Fig.1

- To turn the tool on in low speed, low heat, push the on/off switch (3) upwards to mode I.
- To turn the tool on in high speed, high heat, push the on/off switch (3) upwards to mode II.
- To turn the tool off, adjust to mode I for one minute to cool off, then set the on/off switch (3) to original position 0. Let the tool cool down before moving or storing it.

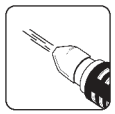
WARNING: This tool must be placed on its stand when not in use.

2) The air flow and temperature setting
Please observe the following sections "Setting the temperature" and "Setting the air flow rate".

Setting	Air flow(L/Min.)	Temperature(°C)
Mode I	250-500	Max. 50°C
Mode II	250-500	50°C to 650°C

Memory function
The temperature and air flow rate selected last are retained after switching off the device. The next time it is switched on the hot-air stripper gun will revert to the last selected setting.

3) Nozzles

Icon	Description	Purpose
	Reducer nozzle	Welding, shrink sleeving (heat concentrated over small area)
	Reflector nozzle	Soldering pipes
	Glass protector nozzle	Protection windows when stripping frames
	Flat nozzle	Drying, thawing (heat spread over wider area)
	Scraper	Stripping paint and varnish

WARNING: The use of any accessory not recommended for use with this tool could be hazardous. Always unplug the tool before attaching or removing accessories. Do not remove accessory tips until the tool has cooled to room temperature.

Attaching a nozzle (Fig. 2)
WARNING: Failure to unplug the tool could result in accidental starting causing possible serious personal injury.
- Ensure that the heat gun is switched off and disconnected from the supply, and allowed to cool down before changing a nozzle.
- Fit one of the four nozzles onto the heat nozzle by inserting it on the heat nozzle simply.

Note: Do not apply the nozzle too close to the work piece being worked. The hot air build-up can lead to overheating of the appliance.

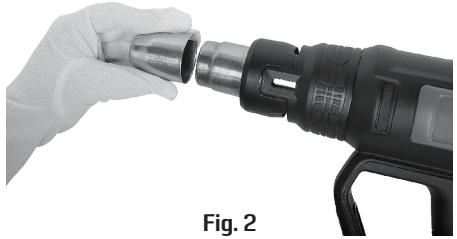


Fig. 2

4) Removing the heat protection collar (Fig. 3)
The heat protection collar can be removed when working at particularly hard-to reach locations. Turn the heat protection collar in the counterclockwise direction to remove it from the heat gun.

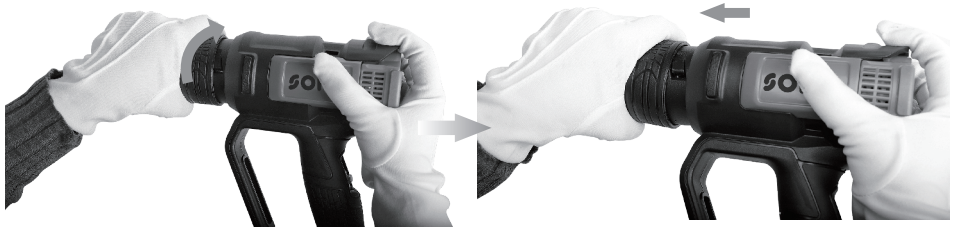


Fig.3

WARNING:
Be careful of the hot nozzle! Increased danger of burning exists when working without the heat protection collar.
To remove or mount the heat protection collar, switch the appliance off and allow it to cool down. To speed up the cooling, the appliance can also be operated for a short period with the lowest adjustable temperature.

5) Function setting
- Setting the temperature (Fig. 4)
- The temperature can be increased and decreased in intervals of 10 °C via the control panel. To decrease the temperature press the left-hand button (7); to increase the temperature press the right-hand button (8).
- Either tap the buttons briefly or press and hold the buttons until the desired temperature setting is reached.
- When doing this please note the maximum temperature, which on the on/off switch. The maximum temperature is only possible in switching to mode II. If switching to mode I is selected, the maximum temperature is 50 °C and the temperature cannot be adjusted. The setting you have selected can be read on the LCD display.

Fig.4

WARNING: Do not drop the device - the ceramic heating element that is located inside the device is particularly sensitive to shock and impact.

- Setting the air flow rate (Fig. 5)
The air flow rate can be adjusted in five stages via the control panel. The settings you have selected can be read on the LCD display.

Fig.5

- Preset mode selection (Fig. 6)
- 4 preset modes are available for quick selection of temperature and airflow setting for most frequent and defined applications.
- Turn on the tool. Click the mode selection button (6) to select one desired mode of preset temperature and air flow.

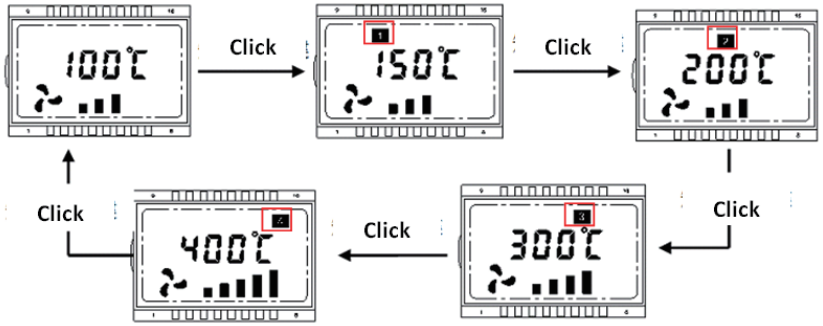


Fig.6

- Preset mode input (Fig. 7)
- Select one preset mode according to Fig. 5.
- Set desired temperature and airflow by clicking buttons (7) (8) (9) (10). During the process, the symbol of Preset input keeps flashing. (Fig. 6)
- Then keep the storage button (5) pressed for 2 seconds until the symbol of preset input disappear. (Fig. 7) The new temperature and airflow setting is stored into the preset mode for quick selection.

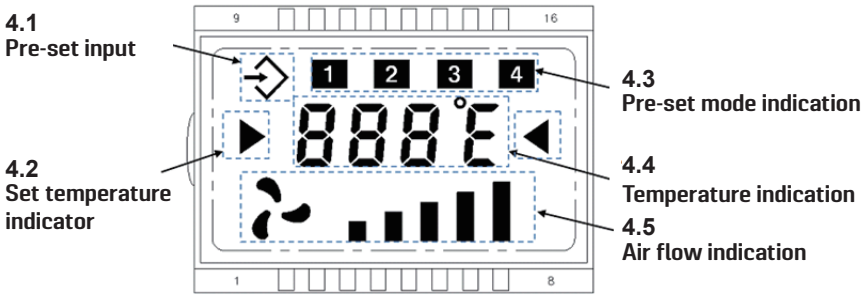


Fig.7

6) Placing down the appliance (Fig. 8)

To cool down the appliance or have both hands free, place it down on the standing surface.

WARNING: Be especially careful when working with the placed down appliance!

There is danger of burning oneself on the hot nozzle.

Fig.8

7) Operation of the appliance

a. General operation

- Before operation, make sure that you have read and understood all of the safety instructions, also make sure that the tool is switched off.
- Ensure that the supply voltage is the same as shown on the rating label. Connect the plug to the power supply.
- Always determine the correct operating temperature for the respective activity.
- First check the properties of the material to be processed at the lowest temperature setting and then gradually increase the amount of air flow in an inconspicuous area.
- The temperature will drop if the distance between the air outlet / nozzle and the material being processed decreases.
- The temperature is dependent on the material you are working on.

WARNING: If you are not sure about the correct setting, start with a low temperature setting and gradually increase the temperature until you achieve optimum results.

b. Mounting the correct accessory (Fig. 9)

Choose the required nozzle and fit onto the heat outlet for your application.

Fig.9

c. Stripping paint

- Mount an appropriate accessory.
- Set a high air temperature.
- Switch the tool on.
- Direct the hot air onto the paint to be removed.
- When the paint softens, scrape the paint away using a hand scraper.

WARNING:

- Do not strip metal window frames, as the heat may be conducted onto the glass and crack it. When stripping other window frames, use the glass protection nozzle.
- Do not keep the tool directed at one spot too long to prevent igniting the surface.
- Avoid collecting paint on the scraper accessory, as it may ignite. If necessary, carefully remove paint debris from the scraper accessory using a knife.

d. Stationary use

This tool can also be used in stationary mode.

- Place the tool onto the workbench.
- Secure the cable to prevent pulling the tool off the workbench.
- Carefully switch the tool on.

WARNING:

- Make sure that the nozzle always points away from you and any bystanders.
- Make sure not to drop anything into the nozzle.

11. MAINTENANCE AND CLEANING

- Keep the ventilation slots of the machine clean to prevent overheating.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off, use a soft cloth moistened with soapy water.
- To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.
- Never immerse the machine and do not use detergent, alcohol, petrol, etc.
- Do not emerge in water or liquids. And don't use aggressive cleaners

12. STORAGE

- Thoroughly clean the whole machine and its accessories.
- Store it out of the reach of children, in a stable and secure position, in a cool and dry place, avoid too high and too low temperatures.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Store the product in a dry indoor location protected from direct sunlight, preferably in its original packaging.
- Let the heat gun cool for at least 30 minutes. Storing temperature should be between –20 to 40 degrees Celsius.

13. DISPOSAL

Do not dispose of power tools into household waste! According to the Directive 2012/19/EU, power tools that are no longer usable, and according to the Directive 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

EU DECLARATION OF CONFORMITY (No. 2024/003)

This Declaration of Conformity is issued under the sole responsibility of the manufacturer

Company name **Full address** **Country**	Sonic Equipment B.V. Component 114 - 116 1446 WP Purmerend The Netherlands

IDENTIFICATION OF ELECTRICAL EQUIPMENT

Name:	Electric digital heat gun
Function/intended use:	Handheld heating device
Type/model: **Batch/ serial:**	832002 / PL 2372 Taking the form of: YYWwwxxxx Where: Y- refers to the year W - fixed value ww - refers to the week produced xxxx- refers to a sequential unique identifier for each unit. Applicable range; 0001 to 9999.

The object of the declaration described above is in conformity with all relevant provisions of:
Low voltage directive 2014/35/EU; EMC directive 2014/30/EU; ROHS directive 2011/65/EU

In conjunction with the following relevant harmonised standards or technical specifications:
EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A15:2021
EN 60335-2-45:2002+A1:2008+A2:2012; EN 62233:2008
EN 55014-1:2017; EN 55014-2:2015; EN IEC 61000-3-2:2019; EN 61000-3-3:2013
EN-IEC 63000:2018

Signed on behalf the manufacturer by:

Place of issue: Purmerend

Country: The Netherlands
Date of issue: 30 - 10 - 2024

Identity: Mr. Remko Papenburg
Function: CEO

Signature:

ARE YOU READY?

WORK EFFICIENT WORK WITH SONIC

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