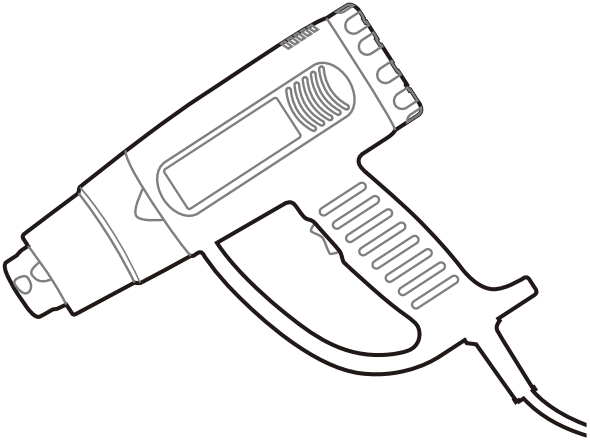
User Manual



Model No: **PN-H20**

Thank you for purchasing the **Digital Heat Gun** by Poniie. Please read this manual carefully before using this product.

Overview

The Poniie Heat Gun is a heavy-duty, industrial-quality, general-purpose heat gun. High temperature industrial jobs are done faster with this heat gun, because our PN-H20 model has higher power rating and digital control function. Power rating goes up to 1800 watts (120 volts) and temperature goes up to 1300 °F (inner flow at heating part).

The power tool is intended for the forming and welding of plastic, removal of paint and the warming of heat-shrinkable tubing. It is also suitable for soldering and tinning, loosening of adhesive joints and the defrosting of water lines.

⚠**Warning:** Heat Guns are a source of extremely high temperature flameless heat. As with other products which generate extremely high temperatures, regardless of your specific application, extreme care and caution should be observed when using this product.

Safety Instructions

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

① **Supervise children**. Ensure that children do not play with the heat gun.

② **Do not** allow persons unfamiliar with the heat gun or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

③ **Know your work environment**. Remember that areas behind soffit board, ceilings, and floors may contain highly flammable materials. Check these areas before applying heat.

④ **Be aware** that heat can be conducted to hidden covered materials and may ignite them.

⑤ **Do not** expose heat guns to rain or moisture to reduce the risk of fire or electric shock. Store indoors. Connect to grounded outlet only.

⑥ **Do not** operate or work with the heat gun in areas where there is danger of explosion.

⑦ **Check** the power tool, cord and plug each time before use. Do not use the heat gun if damage is determined.

Do not breathe or swallow lead based paint in any form. Many old homes and other buildings contain lead based paint. Dust, scrapings, residues and vapors of lead based paint are extremely poisonous. Prevent possible lead poisoning when stripping this type of paint by using adequate ventilation (such as a window fan in the exhaust mode), and keeping a clean work area. When dust or vapors are present, use a respirator designed to filter lead. Move work outside when possible. Failure to follow adequate safety precautions when working with lead based paint could result in lead poisoning.

⑧ **After using**, keep the heat gun standing upward and allow it to cool down completely before packing it away. Do not lay the heat gun on flammable surfaces when operating the gun or immediately after shutting it off.

⑨ **Do not** leave the switched-on heat gun unattended. Disconnect the plug from the socket outlet before making any adjustments, changing accessories, or

placing the heat gun aside.

⑩ **Do not** keep the nozzle touching any surface while running or shortly after running. Avoid poking anything down inside the nozzle.

⑪ **Do not** touch the hot nozzle and wear safety gloves at any time.

Please wear safety goggles at all times. Safety goggles will reduce the risk of injuries.

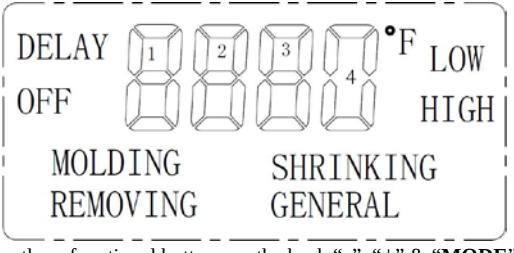
⑫ **Do not** use plug adaptors or remove the ground prong from the plug. This tool is equipped with a 3-prong plug and a 3-wire grounding system.

⑬ **Do not** abuse the cord. Never use the cord for carrying, pulling or unplugging the heat gun. Keep cord away from heat, sharp edges or moving parts.

⑭ **Do not** direct the hot air jet against persons or animals.

⑮ **Do not** use the power tool as a hairdryer. The hot air being blown out is significantly hotter than that from a hairdryer.

LCD display



1. There are three functional buttons on the back “**-**”, “+” & “**MODE**”
2. LCD display is shown as above.

Note: The “MODE” button only works when heat gun is under HIGH mode.

Product Features

1 Four Nozzle Attachments

2 Built-in Over Heat Protection

3 High Quality Titanium Heater

4 Hands Free Built-in Stand Design

5 Digital Temperature Control

6 Auto Delay Off Protection Function

Technical Specifications

Applicable power supply	110-125V 60Hz
Maximum power	1800W(@120V)
Temperature adjust step	10°F
Mode	Temperature / Flow
I - LOW	200-650°F 250L/min
II – HIGH - MOLDING	250-550°F 500L/min
II – HIGH - SHRINKING	350-750°F 500L/min
II – HIGH - REMOVING	750-1150°F 500L/min
II – HIGH - GENERAL	200-1300°F 500L/min
Cord length	5.6 Ft.
Product dimension	9.5"L x 7.5"W x 2.8"H
Net Weight	1.7 Ibs. approx.

Operating Instructions

1. Switching on and off

1.1 To switch the tool on, set the ON/OFF switch to position **"I / II"**.

Note: Slight smoke may appear after switching on the gun for the first time, this does not indicate any problem. After a few minutes, it will auto disappear.

1.2 To switch the tool off, set the ON/OFF switch to position **"0"**. Let the tool cool down before moving or storing it.

Note: Heat gun will be 10s auto delayed off to cool down the inner motor and circuits.

2. Temperature and air flow settings

2.1 Turn ON/OFF Switch to **"I"**. Heat gun will enter in **LOW** power mode (fixed air flow at **250L/min**). Increase or decrease the output temperature by pressing the "**-**" or "+" Buttons. Temperature can adjusts at a range **200-650℉**.

2.2 Turn ON/OFF Switch to **"II"**. Heat gun will enter in **HIGH** power mode (fixed air flow at **500L/min**). **Four preset modes** are available for quick selection of temperature setting for most frequent and defined applications**.** Please refer to **Technical Specifications** part for more details of the temperature range data. Pressing **"MODE"** button to switch between all the modes. Increase or decrease the output temperature by pressing the "-" or "+" Buttons.

Note: The 4 preset modes will auto save your last settings and you can set your own parameter for quick selection.

Typical Applications

Many variables affect heating applications, such as the material being heated, ambient temperature, the distance from the gun to the substrate and the heating

technique. For this reason, we have provided temperature guidelines for certain applications. Always start the heat gun at the lowest temperature in the range then raise the temperature until the optimum temperature is achieved. Always keep the heat gun in motion and at least 2" from the substrate when applying heat.

Applications		TEMP. Setting
Removing:	Floor coverings (adhesive backed)	300° ~ 750°F
	Paint	750° ~ 1150°F
	Glue adhesives	200° ~ 300°F
Drying:	Paint	250° ~ 550°F
	Plaster	250° ~ 550°F
Heating	Shrink—tube (electrical)	350° ~ 650°F
	Shrink—wrap (windows, crafts)	250° ~ 550°F
	Molding & Bending plastics	250° ~ 550°F
	Frozen locks	350° ~ 650°F
	Frozen water pipes	1150° ~ 1300°F
Loosening rusted bolts/nuts		1150° ~ 1300°F
Soldering and Desoldering		650° ~ 1150°F
Sealing ends of nylon rope		450° ~ 650°F
Defrosting refrigerator		450° ~ 750°F

Note: Do not use the heat gun on surfaces that can be damaged by heat, such as vinyl-coated paneling, siding or window frames. When removing paint from window frames, the heat gun will soften the putty.

Do not use the heat gun on insulating laminated window glass such as Thermopane. The glass edge expansion may break the edge seal. When scraping fascia, do not overheat the edges of the asphalt shingles protruding over the edge of the sheathing. Too much heat will melt the asphalt.

Maintenance and Cleaning

Maintenance

Your Power Tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning

- Keep the ventilation slots of the machine clean to prevent overheating of the engine.
- 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.

IMPORTANT: Never use solvents such as petrol, alcohol, ammonia water etc. These solvents may damage the plastic parts.

Warranty

The warranty period for quality related issues of this product is one year. If the device does not operate properly or has any other faults, please always feel free to contact our Customer Service by sending Amazon messages.