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Model: T1620-AH

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T1620-AH Series User Manual

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Overview

1.1 Equipment Overview

Thank you very much for choosing our T1620-AH series manual single-station auxiliary equipment with pressure detection!

Please read this instruction manual carefully prior to use to ensure proper operation. Please keep this manual in a safe place for future reference.

Depending on the specific configuration, some machine models may not feature all of the functions listed in this manual. Please refer to the actual operating capabilities of your specific unit.

1.2 Safety Precautions

NOTICE



The manufacturer is not responsible for damage, injury, production loss, or other losses caused by improper operation, unauthorized modification, incorrect installation, incompatible parts, or service by unqualified personnel.

1.3 Operating Environment

- Indoor, dry, clean, and well-ventilated location
- Operating / Storage Temperature: 41°F–104°F
- Relative Humidity: 30%–90%, non-condensing
- Stable, level, heat-resistant work surface
- Keep away from water, excessive dust, corrosive gases, flammable materials, and explosive vapors

1.4 Grounding & Technical Parameters

1.4-1 Grounding Requirements:

To prevent electric shock or fire caused by leakage, overvoltage, or insulation failure, please ensure the equipment is reliably grounded.

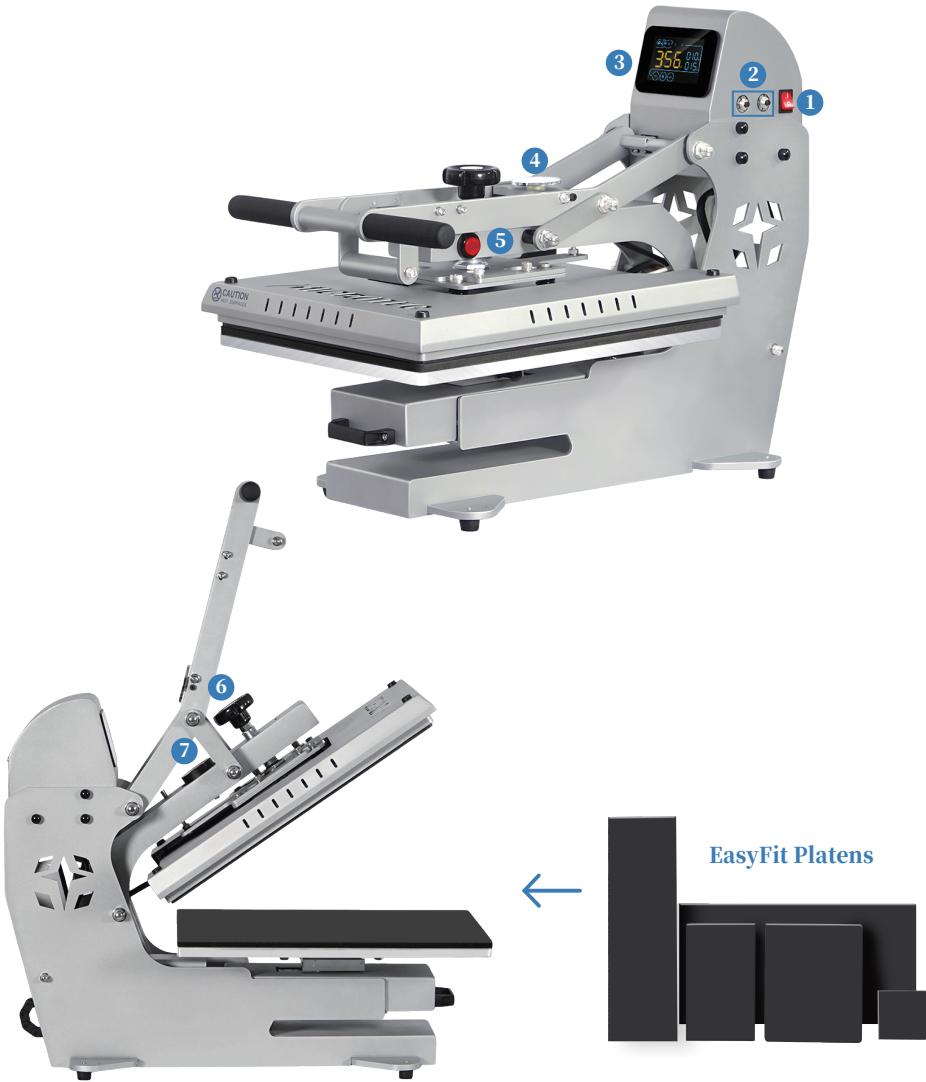
1.4-2 Technical Parameters:

Parameter	Specification
MODEL NO.	T1620-AH
Controller	GY-13
Amp\Voltage\Power\phase	14.2A / 120V / 1700W, 60HZ
Time Range(S)	0~999
Temperature Range(°F)	32~446
Heating plate size (Inch)	15.7 * 19.6

Appearance and Functions

2.1 Exterior View

(Please refer to the images in your original document for labels 1 through 7.)



2.2 Component Names and Functions

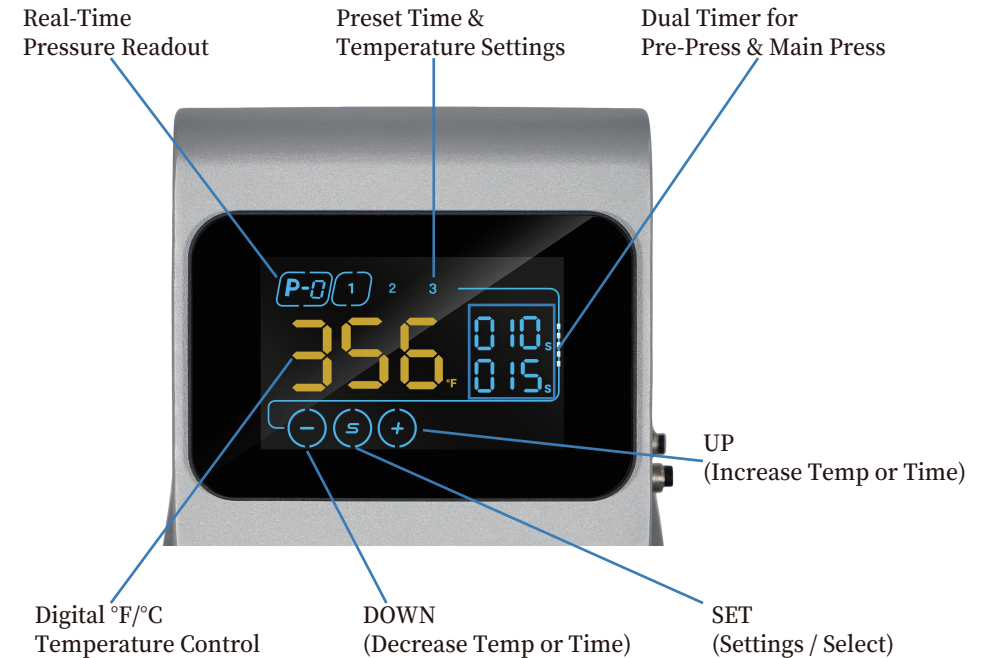
- 1. Power Switch:** Turns the machine power on and off.
- 2. Resettable Fuses (x2):** When the machine current rises abnormally, these will pop up to cut off the power. Once the machine returns to normal, press them back down to resume operation.
- 3. GY-13 Temperature Controller:** Controls the machine's temperature rise and transfer printing process.
- 4. Manual/Automatic Toggle:** When the metal suction cup faces downward, the heating plate will automatically lift up after the GY-13 controller finish the countdown. When the U-shaped rubber piece faces downward, you must manually lift the heating plate to complete the transfer printing after the countdown ends.
- 5. Emergency Stop Switch:** Pressing the emergency stop switch during the transfer printing process will cause the heating plate to lift up, stopping the transfer immediately.
- 6. Pressure Adjustment Knob:** Turn this knob manually to adjust the downward pressure. When the pressure readout in the upper-left corner of the GY-13 display shows **P-E** and flashes, please reduce the pressure appropriately.
- 7. Magnetic Switch:** When the heating plate is pressed down manually and the magnetic switch enters the sensing area, the GY-13 controller starts the countdown.

2.3 Operation

Operating Steps:

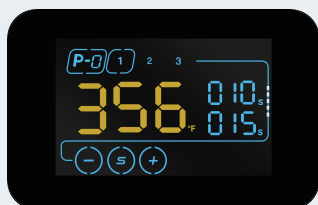
1. Plug into a power source (AC 120V as required) and turn on the **Power Switch [1]**.
2. Place the transfer material on the base plate.
3. Once the set transfer temperature is reached, use both hands to press down the Press Handle . This lowers the heat plate and starts the timer. When the time is up, the plate will automatically raise to complete the transfer.
4. When the heat plate is pressed into place, the current pressure value will appear in the top left corner **[P-0]** of the GY-13 display. Adjust the **Pressure Knob [6]** to change this value.
5. Repeat Step 3 for continuous operation.

2.4 GY-13 Touch Screen Working Interface

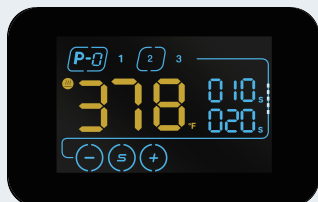


2.5 GY-13 Temperature Controller Instructions

2.5.1: Press preset buttons 1/2/3 to quickly switch between saved application settings.



Preset [1] is selected in the image below.



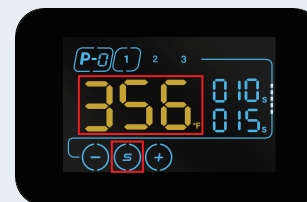
Preset [2] is selected in the image below.



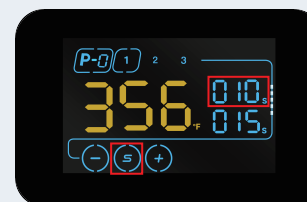
Preset [3] is selected in the image below.

2.5.2 Adjusting Settings

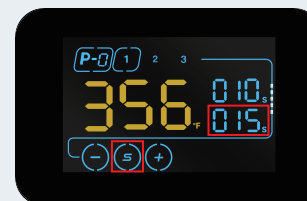
Once a preset is selected, follow these steps to customize the temperature and time:



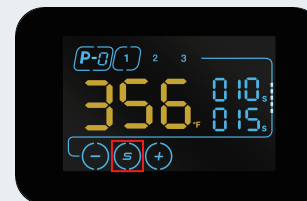
1. Tap the "S" key; the temperature unit "°F" will flash. Tap "-/+" to adjust the temperature (range: 32–446 °F).



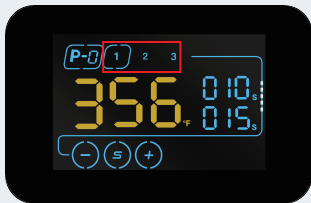
2. Tap "S" again; the first timer value will flash. Tap "-/+" to adjust (range: 0–999 seconds).



3. Tap "S" again; the second timer value will flash. Tap "-/+" to adjust (range: 0–999 seconds).



4. Tap "S" once more to save, exit, and return to the main interface.



6. Preset Memory: Settings are automatically saved to the selected preset memory: Preset 1, 2, or 3.

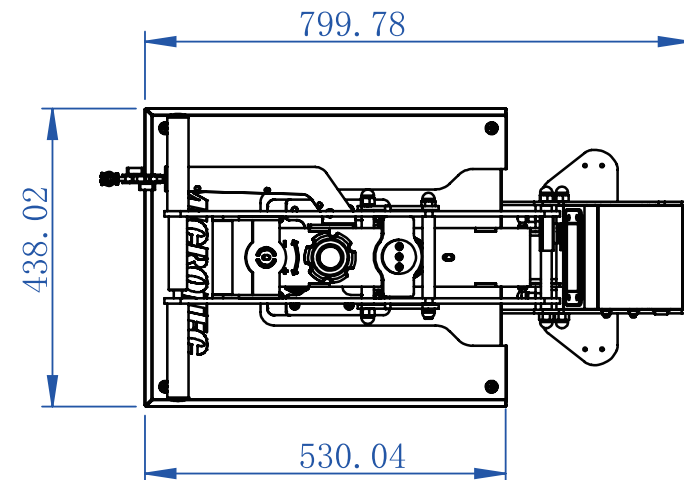
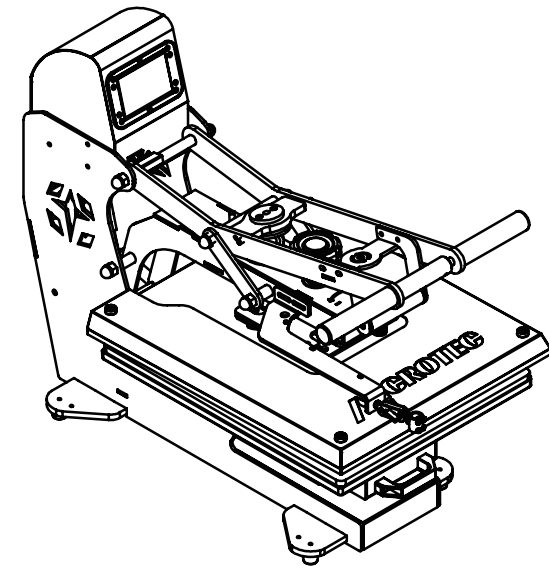


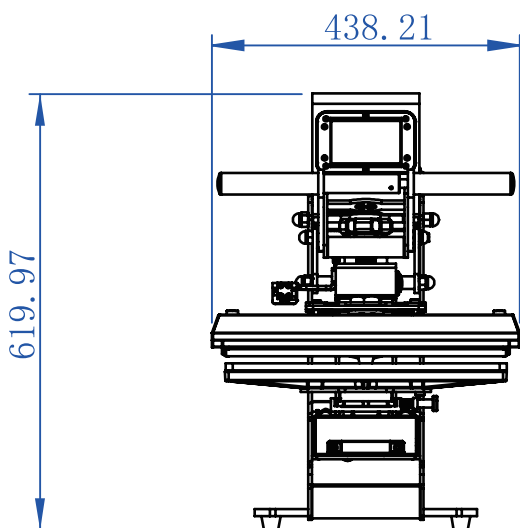
7. Dual Timer Function: The dual timers operate in sequence. After the first timer finishes, the second timer will start automatically. If only one timer is needed, set Timer 1 to 0 and use Timer 2 only.

For further instructions on the controller, please contact your supplier!

2.6 Equipment external dimensions

(Refer to the technical drawings in your original document for specific measurements.)





(Refer to your original document for the diagram layout.)

