

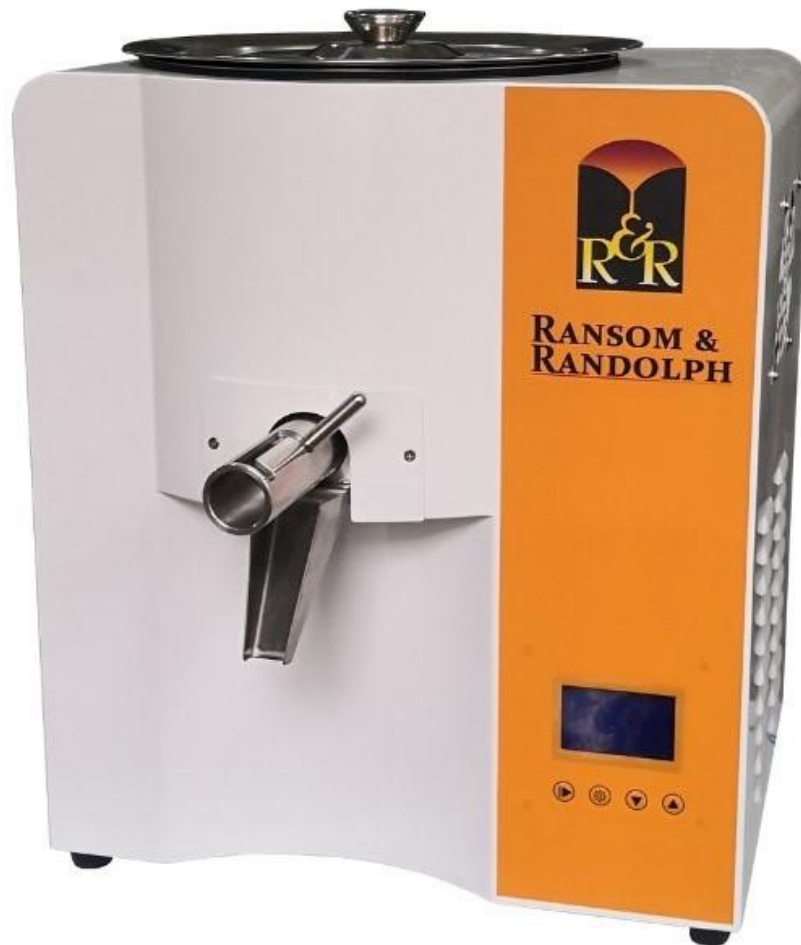
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# RANSOM & RANDOLPH

Instruction Manual

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## Neycraft™ duplicating unit



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# NEYCRAFT™ DUPLICATING UNIT

Thank you for choosing the Neycraft duplicating unit.

Please read the following information before using this product.





## Product Introduction

The Neycraft duplicating unit is innovative and user-friendly. It offers precise and reliable operation as well as an automated power saving on/off feature for an extended motor life. The Neycraft duplicating unit will run a complete cycle and return to holding temperature within 3 hours. It offers a programmable timer for delayed starts, and the ability to adjust features easily. The Neycraft duplicating unit comes preprogrammed and ready-to-use.

For a simple overview, refer to the Neycraft duplicating unit quick guide tech tip, available for download at [www.ransom-randolph.com](http://www.ransom-randolph.com). For more detailed instructions, please read this manual. If you have any questions, contact the R&R technical department at 800-253-4502 or [technical@ransom-randolph.com](mailto:technical@ransom-randolph.com).

## Basic Equipment Layout



1. LID
2. POWER SWITCH (LOCATED ON BACK OF MACHINE)
3. SPOUT/DISPENSING VALVE
4. DISPLAY WINDOW
5.  ADJUST TEMPERATURE/TIME UP
6.  ADJUST TEMPERATURE/TIME DOWN
7.  SET
8.  RUN



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- ① Feeding Port (open lid, place chopped colloid or concentrate parts inside pot)
- ② Spout
- ③ Power Switch (power switch on the back of unit)
- ④ Display Window
- ⑤ Cooling Fans (located on back and side of unit)
- ⑥ Power Socket: 110V units: no additional steps needed  
220V units: contact BOTH the R&R technical department and an electrician

## Factory Presets

Your machine comes preset to automatically switch from running (temperature going up to melt) and stopped (temperature holding) to preserve the longevity of both your unit and colloid material.

**NOTE:** To reset the timer function, turn the power OFF and then back ON.

Temperatures for the Neycraft duplicating unit are preset at the factory to 194°F (90°C) for melting and 131°F (55°C) for holding. These temperatures can be manually changed to accommodate your needs. See instructions for Temperature Setting (under Factory Mode Status) below.

## Set-Up Instructions

1. Carefully unpack and remove all packing materials from around and inside the machine.
2. Place the machine on a level surface suitable to hold the weight of the machine and its contents.  
**NOTE:** The machine and its contents will get HOT and should be placed in a heat safe location to avoid fire, damage, or injury.
3. Plug the machine into a surge protector that is connected to an outlet.
4. Fill the machine completely with chopped duplicating material or contents of concentrate material. Duplicating material should be well chopped into uniform pieces to facilitate proper melting. Take care to add the correct amount of water to the concentrated material.



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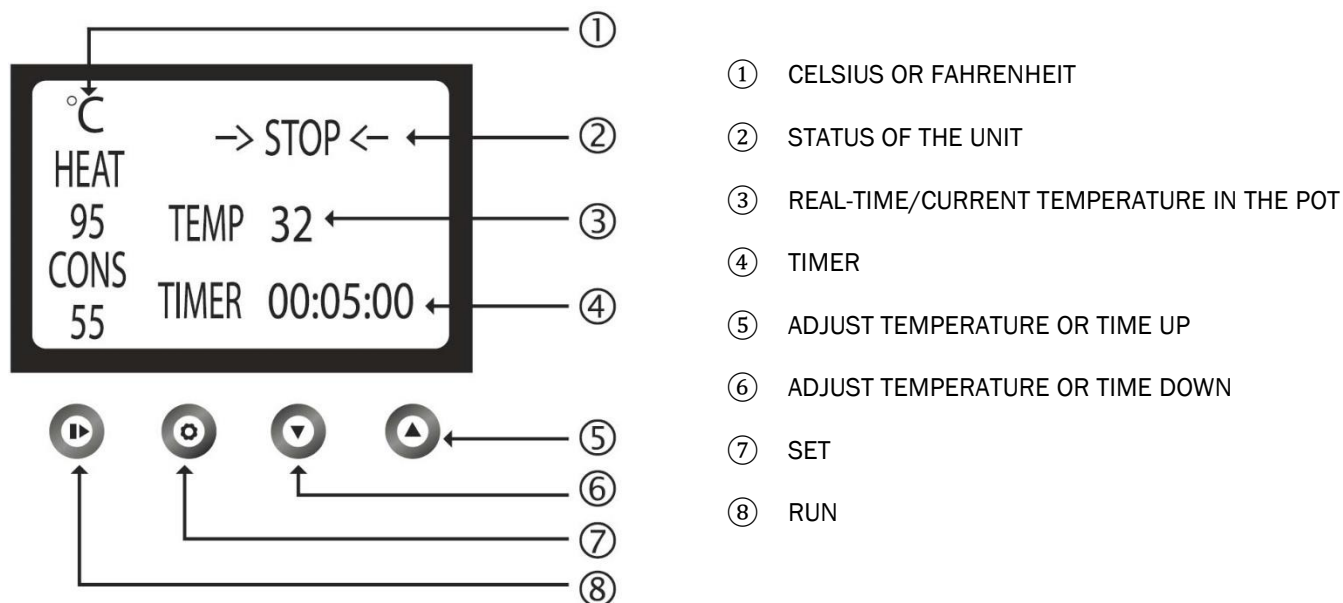
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- Once you have filled the machine with duplicating material, switch the power on.  
**NOTE: ONLY OPERATE THE MACHINE WHEN THE LID IS SECURELY IN PLACE.**  
 To avoid serious bodily injury, never place fingers or hands into the machine while it is turned on.
- Push the ⑧ RUN button once. Your display screen will display RUN. The machine will heat for approximately 20 seconds before the intermittent stirring begins. The machine will then heat to the melting temperature. Once the machine reaches the melting temperature, it will automatically begin cooling down to the holding temperature.

## Interface: RUN



## Function of this Unit

There are five work functions displayed on the Display Window: Stop Mode Status, Factory Mode Status, Setting Status, Timer Status, and Running Status. Using the instructions and descriptions below, you can move through each of the functions depending upon your needs.

### Stop Mode Status

Under stop mode, you can enter into different setting modes and set your values using the buttons as shown in the example below. The picture above (under Interface: RUN) is an example of the Display Window in stop mode.

⑦	Stop Mode
	Back to Run

### Factory Mode Status

Factory mode relates to the temperature measurement reading you choose to use, either °C or °F. You will need to restart the device to change the factory mode/temperature mode. Where the arrow points represents the unit's current mode, either °C or °F.



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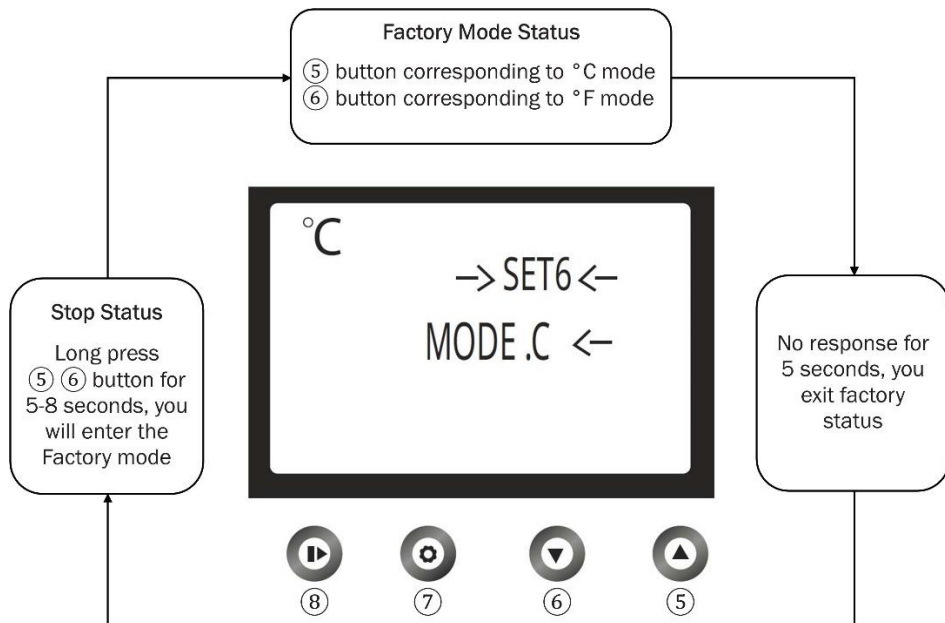
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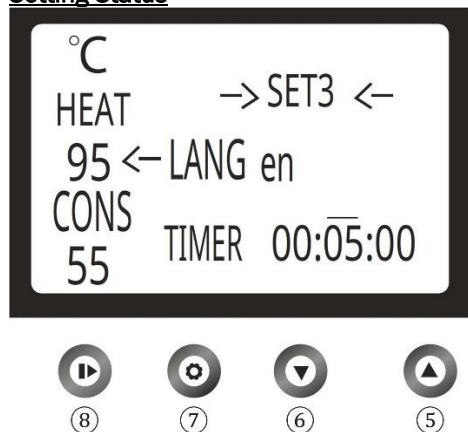
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## Temperature Setting

1. On the control panel, push the (7) SET button. The Display Window will show the holding/constant temperature.
2. Push (5) UP or (6) DOWN button to set the desired HIGH/HEAT temperature.
3. Push the (7) SET button again to finalize the setting.
4. Press the (7) SET button again. The Display Window will display the holding/constant temperature.
5. Push (5) UP or (6) DOWN button to set the desired melting temperature.
6. Once you have achieved your desired settings, wait 30 seconds. The machine will automatically revert to the running screen.



## Setting Status



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In Stop Mode Status, press the ⑦ SET button for 5-8 seconds to enter the setting mode. Use the ⑦ SET button to change the parameters. A small arrow will point to the current setting on the Display Window. Under the setting mode, press the ⑥ DOWN button to decrease the value or the ⑤ UP button to increase the value of the parameter. If there is no response to the buttons for 30 seconds, the system will exit automatically.

The above picture shows the status of setting the temperature, you can easily enter this mode by simply holding the ⑦ SET button.

HEAT	Represents the highest heating temperature/melting temperature
CONS	Represents the constant/holding temperature
LANG	Represents the language: en = English

## Timer Status

In Stop Mode Status, press the ⑦ SET button for 5-8 seconds to switch the timing objective, as illustrated by the pictures below.

**Stop Status**

Press the ⑦ SET button to switch

°C → SET1 ←  
HEAT 95 TEMP 32  
CONS 55  
00:05:00

⑧ ⑦ ⑥ ⑤

**Setting Status**

Press the ⑦ SET button to switch

°C → SET2 ←  
HEAT 95 TEMP 32  
CONS 55  
00:05:00

⑧ ⑦ ⑥ ⑤

**Setting Status**

Press the ⑤ UP button to increase the value under the short black line

Press the ⑥ DOWN button to decrease the value under the short black line

If the value of the timer is NOT zero, the unit will run the count-down timer first and then start heating automatically.

Press the ⑧ RUN button to STOP the machine. Hold and press the ⑦ SET button for 5-8 seconds until you see a score line above the Timer section 00:00:00. Once the score line appears as shown on the image above, you can toggle with the ⑤ UP and ⑥ DOWN buttons to insert the time onto the machine. If you do not want a delayed start, toggle it to 00:00:00. Once you input the desired timer setting, stop pressing the button and wait approximately 5-8 seconds. The machine screen will default back to STOP. Push the ⑧ RUN button to begin running a cycle.

**NOTE: THE PROCESS OF CHOPPING, MELTING AND COOLING TAKES ABOUT 2½-3 HOURS TO COMPLETE. NEVER TURN THE UNIT OFF UNLESS CHANGING THE MATERIAL. IN CASE OF A POWER OUTAGE, COLLOID WILL NEED TO BE RE-CHOPPED AND YOU WILL NEED TO RESTART THE MELT PROCESS.**

## Running Status

In Running Status, the machine will automatically rise to the highest temperature (HEAT) and then decrease to the holding/constant temperature (CONS) and retain this temperature until a new cycle begins.



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## Safety Information

**Warning:** It is strictly prohibited to disassemble the box body of the equipment and change the circuit of the equipment without the guidance of the R&R technical department. Unless advised to do so by both an R&R sales manager and technical representative, please do not touch the inner workings of the machine.

## Special Attention Items

1. The colloid should NOT exceed the fill line marked inside the tank as it will cause overflow.
2. The power supply must be grounded effectively for your safety.
3. This manual is for equipment operation reference only. Due to software upgrades and structural optimization, changes may occur without warning.



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