

Printer Operation Manual

Printer Model: HMP-E PP-01

Basic Parameters

Power Input: AC 100-240V, 1.5A, 50/60Hz

Operating Temperature: 14°F to 122°F or -10°C to 50°C

Operating Humidity: 20% RH to 85% RH

Printing Method: Thermal Line Printing

Paper Width: 3.15 inches or 80mm

Paper Thickness: 0.002 - 0.0039 inches or 0.05-0.10mm

Maximum Paper Roll Diameter: 3.15 inches or 80mm

Paper Roll Core Diameter: ≥ 0.51 inches or 13mm

Maximum Printing Speed: 3.94 inches/s or 100mm/s

Resolution: 203 Dpi or 8 dots/mm

For a single transcript, the paper length is 3.937 inches or 10cm. Using $\phi 1.969 \times 3.15$ inches or $\phi 50 \times 80$ mm, 60gsm paper with a 0.866 inches or 22mm core (69 feet or 21 meters in length), approximately 210 sheets can be printed.

Appearance

Casing Material: Polypropylene Plastic

External Dimensions: 10.827 inches (L) × 9.252 inches (W) × 6.535 inches (H) or
275mm (L) × 235mm (W) × 166mm (H)



Transcript Sample Print:

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FIRE TRAINING RECORD SHEET

GOOD



SCORE

Effective start time	0.9S
Effective extinguishing time	2.9S
Total extinguishing time	3.8S
Difficulty level	2
Extinguishing position	middle

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The first line of text is pre-program at the factory and can contain up to 22

English letters. This cannot be changed on-site.

Based on the fire extinguishing operation time and starting position, the results are categorized as: "GOOD," "OK," "PASS," or "FAIL," as shown in the figure below.

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FAIL



SCORE

Effective start time	3.6S
Effective extinguishing time	21.5S
Total extinguishing time	25.1S
Difficulty level	2
Extinguishing position	middle

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PASS



SCORE

Effective start time	3.1S
Effective extinguishing time	13.5S
Total extinguishing time	16.6S
Difficulty level	2
Extinguishing position	middle

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OK



SCORE

Effective start time	7.6S
Effective extinguishing time	11.9S
Total extinguishing time	19.5S
Difficulty level	2
Extinguishing position	edge

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FIRE TRAINING RECORD SHEET

GOOD



SCORE

Effective start time	7.9S
Effective extinguishing time	4.9S
Total extinguishing time	12.8S
Difficulty level	2
Extinguishing position	middle

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Power Interface and Switch:



Insert the power cable into the power outlet.

Ensure the thermal paper is correctly installed.

Turn on the power switch, and the printer will enter the working state.

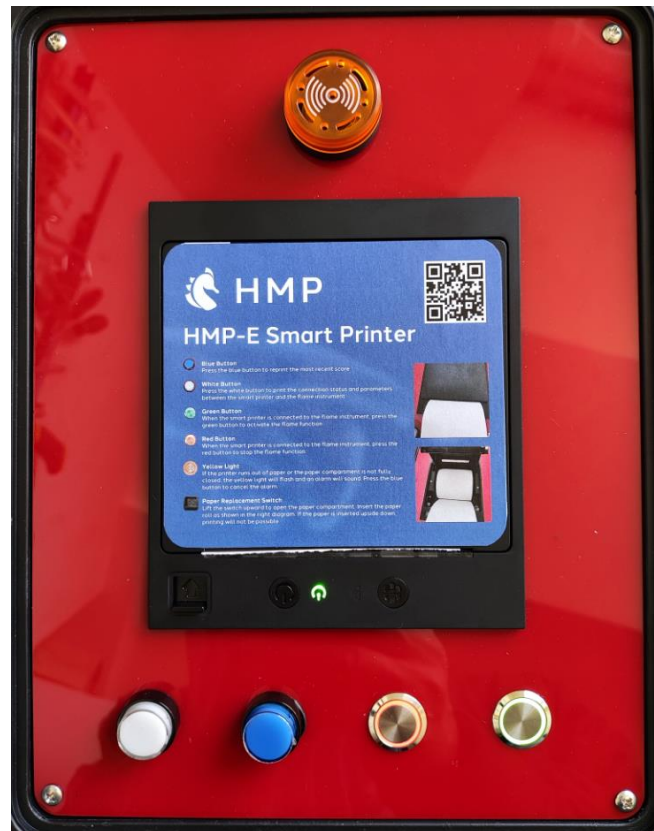
The green LED on the printer will light up.

The red and green metal buttons will illuminate.

Press the blue button to print the device's SSID, IP address, and Simulated Flame

Instrument connection status.

Control Panel:



The panel houses the printer, 4 buttons, and a buzzer, secured to the casing with corner screws.

Button Functions:

White Button: Prints the connection status and parameters between the smart printer and the Simulated Flame Instrument.

Blue Button: Reprints the last fire extinguishing test transcript.

Green Button: Activates the flame button when the smart printer is connected to the Simulated Flame Instrument.

Red Button: Stops the flame button when the smart printer is connected to the Simulated Flame Instrument.

Sample Prints

Pressing the White Button:



Pressing the Blue Button:



The transcript will be reprinted with a "Re-print" mark above the time line.

Green and Red Buttons:

The green and red buttons function identically to the Simulated Flame Instrument's buttons.

When the Simulated Flame Instrument is connected to the smart printer, the Simulated Flame Instrument's start and stop buttons are disabled.

Yellow Indicator and Buzzer:

The yellow light emits a short beep when a button is pressed.

In case of smart printer malfunction (e.g., paper shortage or paper compartment not fully closed), the yellow light will flash, and an alarm will sound.

Press the blue button to cancel the alarm.

Paper Replacement Switch:



Lift the switch upward to open the paper compartment.

Place the paper roll as shown in the diagram below. If the paper is loaded upside down, no text will be printed.



Remote Controller of Smart Printer:

Press the "A" button to start flame screen.

Press the "B" button to pause flame screen.



Note: Ensure all operations are performed according to the instructions to avoid

damage to the printer or incorrect prints.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.