

OPERATION MANUAL

Please read this manual carefully before operation



Thank you for purchasing our laminator.

You have purchased the finest laminator available in its service class. It was designed and manufactured to provide you with the utmost in utility. As with any device that combines power and movement in its use, there are dangers if improperly used. At the same time, there are easier and faster ways for getting the job done if certain precautions are taken first. Please read this manual carefully. It contains useful ideas in obtaining the most efficient operation from your laminator and safety procedures you need to know before beginning use. Please familiarize yourself with this manual prior to operating it. When you follow our guidelines for operation, your laminator will give you many years of satisfying service. Keep this manual near the machine for future reference. If you have any questions, contact your nearest customer representative.

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IMPORTANT SAFETY INFORMATION



Before operating this laminator for the first time, it is crucial that you take the time to read and understand all of the following safety-related information. Failure to follow these procedures could result in serious personal injury and/or damage to the equipment and work piece.

WARNING

DO NOT use broken, aging or self-made electrical wire. Do not immoderately draw, twist or enlace the electrical wire, to avoid the fire or electric shock.

IF the supply cord is damaged, it **MUST BE** replaced by the manufacturer or our service agent or a similar qualified person in order to avoid a hazard.

DO NOT use the power supply that is not in accordance with the rated voltage, to avoid the fire or electric shock.

DO NOT disjoint, modify and repair the machine yourself. If there are any problems on the machine, do not use it, send it to the dealer for repairing.

DO NOT operate the equipment while under the influence of alcohol, prescription drugs or any other substance that could impair your judgment or reaction time.

AVOID necktie or necklace entangled. In case some articles entangled, press the REVERSE button right away; if not workable, cut off the power supply at once, and contact your dealer for settlement.

DO NOT open the cover, electric shock inside.

DO NOT make the electrical wire or plug or the machine bedewed by water or other liquids.

DO NOT operate the machine with wet hand.

DO NOT make the machine pressing on the electrical wire.

DO cut off the power supply while moving the machine.

DO NOT operate the machine with the cover open.

DO NOT put articles on the laminator while it is working, so that to disperse the heat.

DO NOT insert the easy-burnt or easy-softened material into the machine, in case they

are melt and give rise to smoke.

DO NOT touch the cover, rubber roller and heating parts while the machine is working, in case heat injury.

DO NOT leave the electric lead in contact with a warm surface.

To prevent electric shocks, **DO NOT** use the laminator close water.



CAUTION

WORKING PLACE

This machine should be put at the dry and clean place, do not put it at the damp place or near the exit of cooling appliances.

This machine should be put on the horizontal and firm place. In front and rear of the machine, there should be sufficient place for the document in and out.

Do not put any articles on the machine.

POUCH FILM

Please use good quality pouch film, in order to show the lamination effect, and avoid the entanglement.

The length and width of the pouch film should be 3-5mm larger than the document to be laminated.

OBJECT

The laminator use the hot press technology, do not use the following objects in case laminating failure or pouch film entangle.

※1.Easy-burnt material, easy-softened material.

2.The width of document is bigger than the distance between the two convex lines on the input board..

3.The thickness of document is bigger than 1mm.

※4.Single side pouch film (PVC film).

※5.The document printed by heat-sensitive paper, or any articles that can be faded or transformed after heating.

6.Any articles that have drape, breakage, dampness or deformation before laminating.

7.Coin or any other hard articles.

※means exception while cold laminating operation.

MACHINE OPERATION

Do not turn to other usages except the usage range stated in this operation manual.

Do not use the machine outside the room. Before leaving, please cut off the power supply if the operation is over.



ADVICES

While operating the machine, mind the children nearby, in case any suddenness.

Do not suspend the electrical wire on the table or cabinet or any other places that the children can touch, or place easy stumble persons.

Using the accessory that not recommended or sold by the manufacturer, might cause damage on the machine.

The photo or document once is laminated, it will become permanent and will not be taken apart.

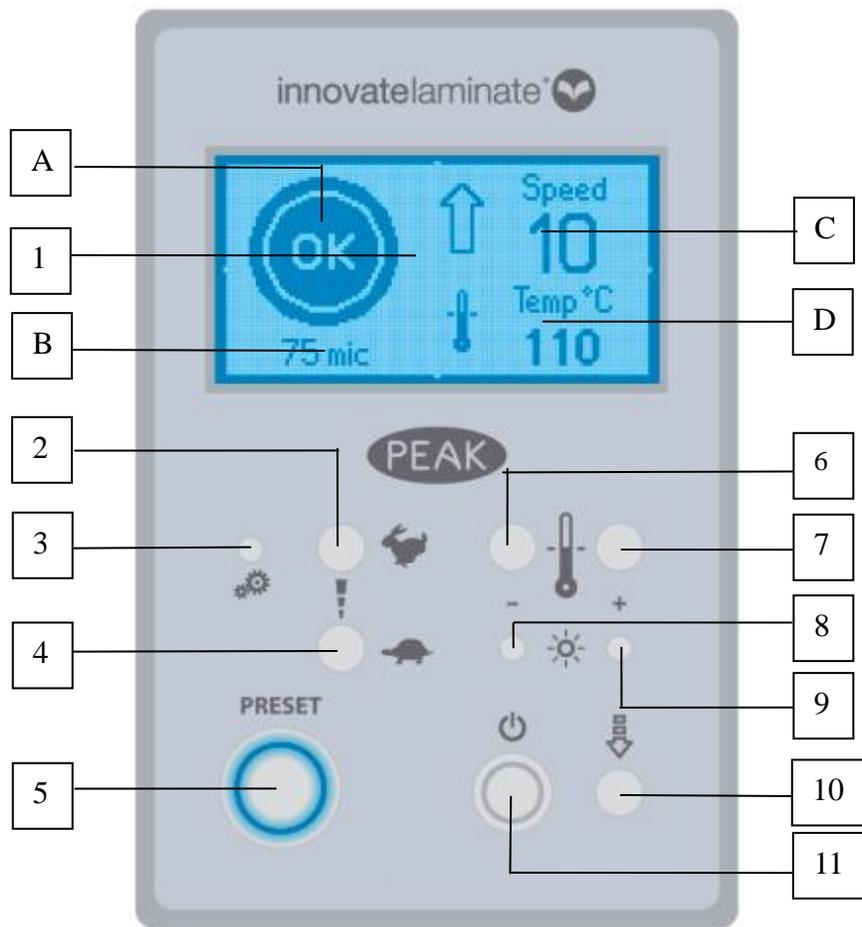
Please do not laminate the collected rare articles, or some articles might be taken out in the future.

STRUCTURE



1	Input Board
2	Paper Sensor
3	Control Panel
4	Handle
5	Main Cover
6	LCD Screen
7	Cooling Fan
8	Top Cover

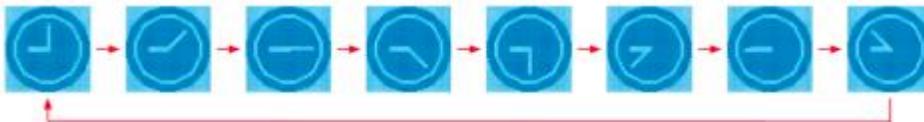
CONTROL PANEL



LCD Display (1):

The LCD Screen will display the working state of the laminator.

Warming Up Clock (A): When the actual temperature of rollers does not reach the set temperature, the Warming Up Clock symbol will show on the LCD display and the thermometer symbol flashes.



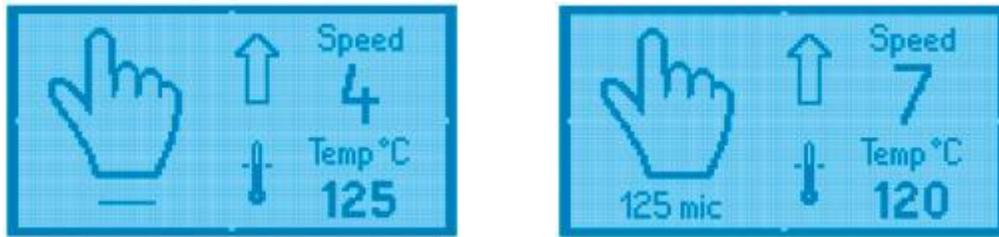
When the actual temperature reach the set temperature, the OK symbol will show on the display.



The Thickness of Pouch Film (B): In Preset mode, the thickness of pouch film will show on the display.

In Manual MODE, The "-" symbol will always show on the display. Unless when the

speed and temperature are selected same as the preset value, the appropriate preset value will show on the display.



Roller Speed (C): The range of speed is from speed 1 to speed 10, speed 10 is fastest and the speed 1 is slowest. The rollers always rotate at speed 1 when there is no pouch in the machine. When a pouch is inserted in the laminator, the rollers increase the speed to the exact set speed showing on the LCD display. After 30 seconds, if no other pouch is inserted after the first pouch lamination, the speed will revert to speed 1. This will ensure the laminator is quiet when the machine is not in use.

Roller Temperature (D): When the laminator runs in Normal mode, the set temperature shows on the LCD display. When the laminator runs in STANBY mode, the actual temperature of rollers shows on the LCD display. If the actual temperature belows 80°C, the "--" symbol will show on the display.

Speed Adjustment Button (2):

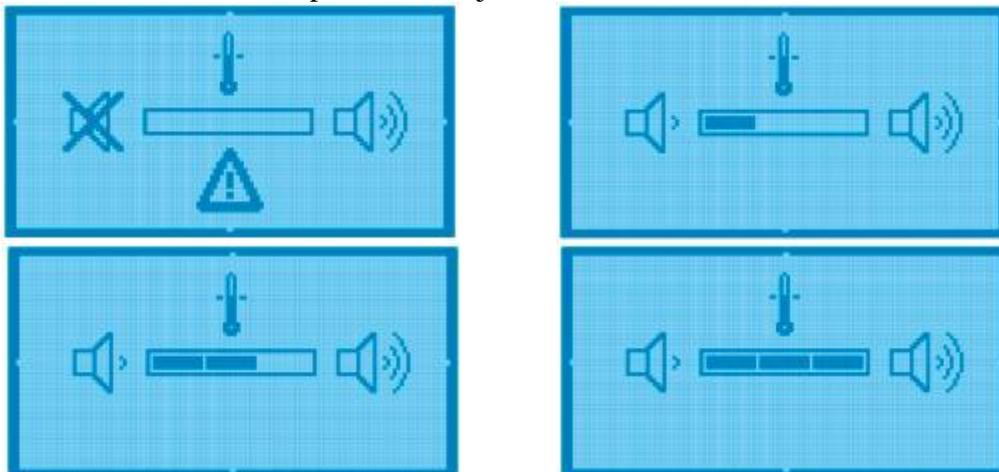
Press the button once, the speed adjusts by 1 increment at a time.

Speed Adjustment Button (4):

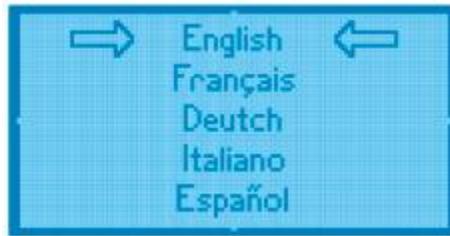
Press the button once, the speed adjusts by 1 decrement at a time.

Language and Sound Setting Button (3):

Sound level setting: First press the button ONCE, then press the Temperature Adjustment button, the sound level of beeper can be adjusted.



Language setting: First press the button TWICE, then press the Temperature Adjustment button, the different language can be selected. There are five kinds of operation languages.



Preset Button (5):

Press the button once, select the preset lamination mode. The initial preset lamination mode is always 75 mic.



Temperature Adjustment Button (6):

Press the button once, the temperature adjusts by 1°C decrement at a time. Press and HOLD the button once, the temperature adjusts by 5°C decrement at a time.

Temperature Adjustment Button (7):

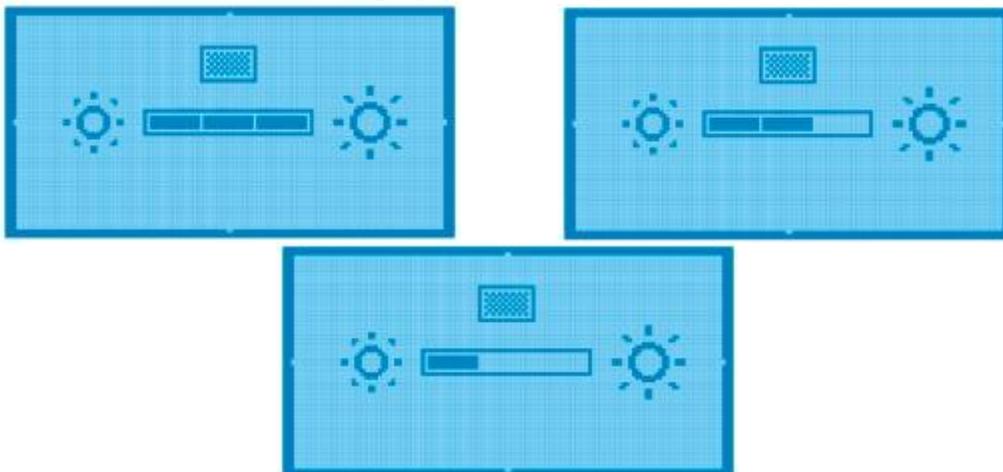
Press the button once, the temperature adjusts by 1°C increment at a time. Press and HOLD the button once, the temperature adjusts by 5°C increment at a time.

Contrast Adjustment Button (8):

Press the button once, the LCD display will turn dark.

Contrast Adjustment Button (9):

Press the button once, the LCD display will turn bright.



Reverse Button (10):

Press and hold the button, the laminator runs into reverse mode. The

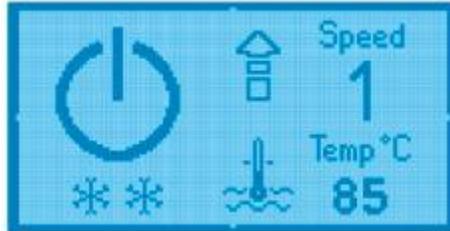


symbol will show on the LCD display. In reverse mode, the speed is always set to 1.

When the laminator runs in reverse mode, the PRESET button will no longer be lit-up and the MANUAL symbol will show on the LCD display.

Standby Button (11):

Press the button once, the laminator run in standby mode. In standby mode, the speed is automatically set to 1, the thermometer symbol flashes every 2 seconds, the temperature reading decreases until it reaches 80°C.



When the temperature reaches 80°C, the rollers stop rotating, and the LCD display changes as drawn and blue, backlight is OFF.



Waking up from the Standby mode. Press the button again. The blue backlight is ON, and the laminator starts Warming Up Clock and revert to the last setting used.

OPERATING INSTRUCTION

1. Connecting The Power Source

- 1) Checking the rated voltage on the machine, to insure it conform to the powersource. Also, checking the plug to insure it conform to the socket.
- 2) If the electric wire does not connect with the machine, connect it with the wire socket on the back of machine.
- 3) Insert the plug into the power socket that is grounding correct.
- 4) Turn on the power switch, the display light, it indicates the power is connected.

2. Preset Mode and Manual Mode

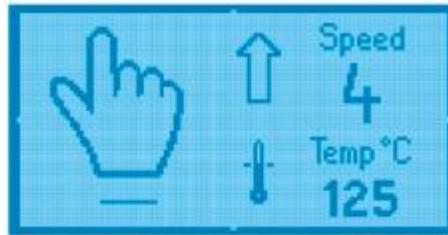
The laminator has two kinds of work Mode: Preset Mode and Manual Mode.

The laminator always starts in Preset Mode. When the laminator runs in Preset Mode, the Preset button is illuminated blue. Press the Preset button, you can select 6 kinds of preset lamination mode.



Press either Temperature Adjustment Button or Speed Adjustment Button, the laminator turns into Manual Mode, and the Hand Symbol will show on the display. In Manual Mode, you can adjust the speed value or temperature value according to the pouch film

and document.



Revert to Preset Mode, press the Preset button again.

3. Hot Laminating

1) Preparation

Turn on the power switch, the LCD display turns light. The display shows as below:



After 10 seconds, the laminator runs in Preset Mode. According to the pouch film, select the appropriate preset kind. The machine begin to warm up.



When the rollers temperature reaches the setting temperature, the OK symbol will show on the display.



Waiting for another 2 minutes, the temperature get stable, then you can begin laminating.

2) Hot laminating

Put the document into the pouch film, and make the sealed end of pouch in front, then insert it into the laminator. If put other sides in front, it will bring fold or the machine is blocked. If the paper is blocked, press the Reverse button, the motor will reverse, and the paper will withdraw. Now, the whole laminating operation is finished, a perfect laminated document will appear on the output board.

3) Temperature and Speed adjustment

Different pouch film, different document, different room Temp, should have different working temperature. If the laminated document is not clear, it might because the temperature is low, increase the Temp by 5°C, then laminate it again, until a perfect laminated document appears. If the temperature is too high, the laminated document will

be corrugation, if so, decrease the temperature until get the perfect laminated document. When adjusting the temperature or the speed. Manually, the Preset Button will no longer be lit-up and the HAND symbol will show on the display.

MAINTENANCE AND SERVICE

Maintenance

1. This machine is electrical product, it can not be sprayed by water directly.
2. Before maintenance, disconnect the power supply firstly.
3. Do not use gasoline, thinner or metal brush to clean the machine.
4. Use soft cloth to clean the dust. If the dust is thick, scrub it away with neutral soap water or detergent firstly, then clean it with dry cloth.
5. Cleaning the rollers.

During the normal lamination, excess adhesives from the pouch will often cling to the rollers. To clean the rollers, remove the two screws at the back of the laminator, remove the top cover and the main cover, put it aside. In the front of roller's bracket, there are two pressure hooks which is locked the upper rollers. Loosen these two pressure hooks, raise the upper rollers carefully. Then using a clean, soft, ethanol dampened cloth, gently rub the adhesive off the rollers. CAUTION: Never use any abrasive or sharp metal material or rub too hard on the roller, because this may damage the rubber surface. After cleaning, put down the upper rollers, lock the pressure hook, cover the main cover and top cover. This clean maintenance should be operated by the professional.

Service

If you need repairing service, please inspect the followings in advance:

The plug is loose from the power socket.

The power supply is cut off.

The fuse in the machine is melt. The fuse is installed on the back of the machine.

If repairing service required, please provide:

Type of trouble

Model of machine

Serial number of machine

SPECIFICATIONS

Model	PHS 330	PHS 450
Max. Laminating Width	330mm	450mm
Max. Laminating Temp.	160°C	
Max. Laminating Thickness	1 mm	
Max. Pouch Thickness	250 mic (10 mil)	
Display System	LCD display	
Cooling System	DC fan	
No. Of Rollers	6 PCS (4 pcs for heating)	
Power Supply	AC 100,110,220-240V/50Hz, 60Hz	
Power Consumption	830W	1050W
Dimension	54×33×18cm	66×33×18cm
Weight	22kg	26kg