

ACOS R4 HEAVY DUTE LAMINATOR

4Rollers

USER GUIDE



HEAVY DUTE LAMINATOR

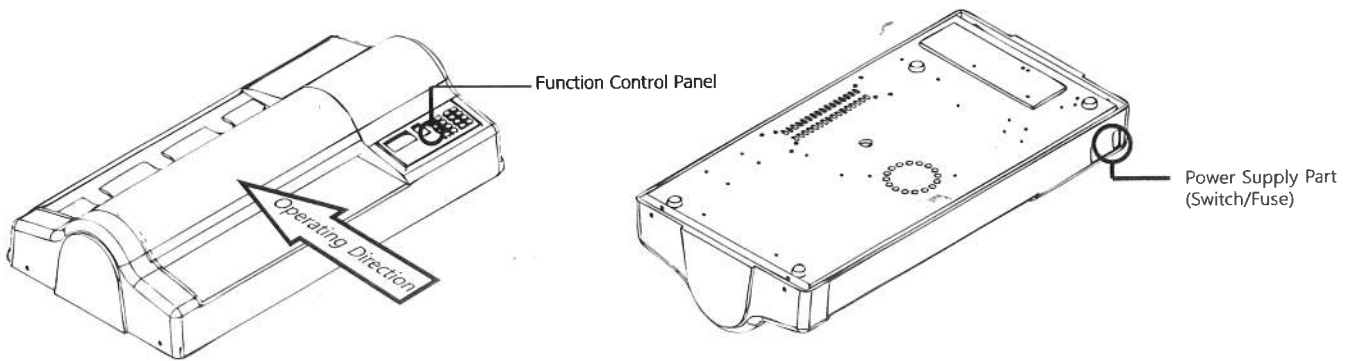
4Rollers

ACOS R4

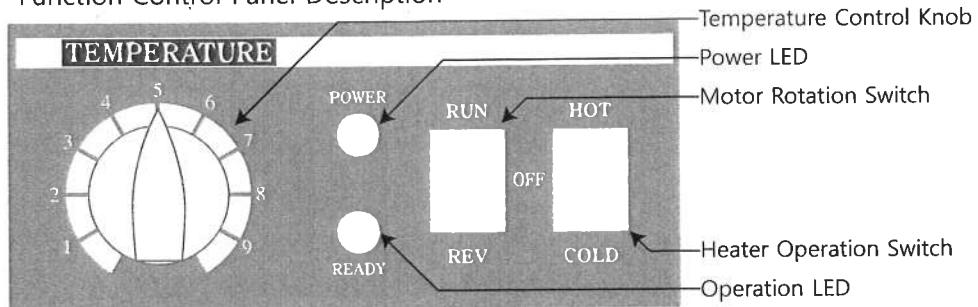


1. Product Information

-Exterior Description



-Function Control Panel Description



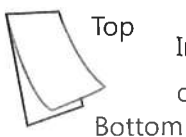
2. How to Use

-Coating Method-

- ① Operate the product by connecting the power and turning on the power switch.
- ② Press motor operation switch to RUN.
- ③ Press heater operation switch to HOT from COLD.
- ④ Set the temperature suitable for workpiece and coating film by turning temperature control knob.
- ⑤ Wait until roller temperature reaches to set temperature and green light comes on READY LAMP.
- ⑥ Insert the coating film containing workpiece to the product in right direction.
- ⑦ After checking coating-completed workpiece, retry the operation from ④ after checking that temperature setting is made properly and making a correction.

Caution: Never turn off motor switch since the product may be overheated when you stop motor operation during the work.

[How to differentiate the top of film sheet]



Insert the film into the coating machine from the top (both sides stuck together) to prevent the curling of the film.

-Work Completion-

- ① When all the works are completed and when you need to pull out the workpiece, follow the procedures specified below.
- ② Turn temperature control knob counterclockwise and adjust it to 0.
- ③ Press heater operation switch to COLD from HOT.
- ④ Wait until roller is cooled down enough. (About 20~30 minutes)
- ⑤ When roller is cooled down enough, finish the operation of the product by turning off power switch located in the rear of the product.

-When the film is curled up-

- ① Make roller rotate in reverse direction by pressing motor operation switch to REV.
- ② Hold one side of retrieved film and pull it out.
- ③ When curled workpiece comes out fully, press motor operation switch to RUN again.

-When the film doesn't come out in spite of reverse rotation of the motor-

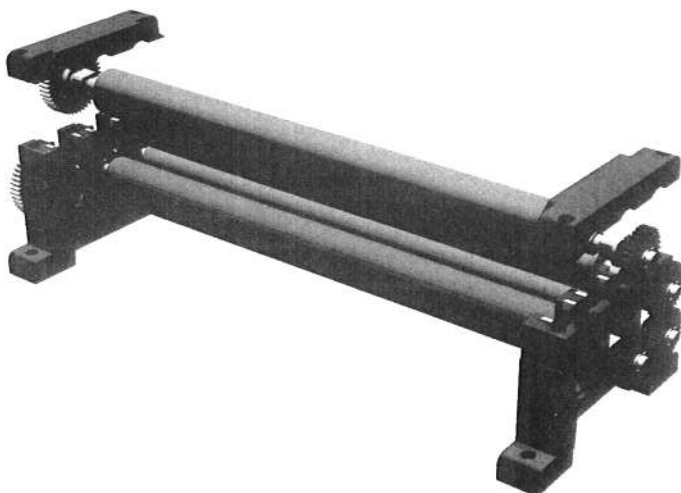
- ① Separate the roller from the product as per the order of ①~④ in [Disassembly/ Cleaning/ Assembly Method for Maintenance] specified below.
- ② Separate the roller and find the curled workpiece.
- ③ Lift the roller that workpiece is curled up, and hold the end of curled workpiece and remove curled workpiece from the roller.
- ④ Assemble the product as per the order of ⑤~⑨ [Disassembly/ Cleaning/ Assembly Method for Maintenance] specified below.

-When the power doesn't turn on-

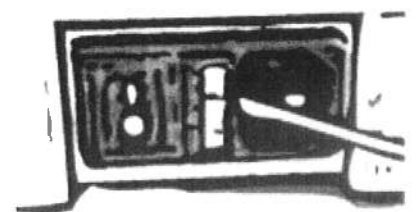
- ① Check the operation of power switch located in the rear of the product and still you have problem, pull out power cord from electric socket.
- ② After replacing the fuse by pulling out fuse holder located inside of cord connection hole, retry. If you still have problem after the operation of ②, please contact our service center.

- Disassembly/ Cleaning/ Assembly Method for Maintenance-

- ① With the reference of the order of Work Completion, turn off the power(⑤).after cooling enough the roller (①②③④).
- ② Unscrew 4 bolts in the grooves of the product.
- ③ Turn the product upside and remove the cover. When removing the cover, take care of cables not to fall off.
- ④ Unscrew 2 bolts that fix the roller. To prevent the damage of the parts, unscrew the bolts one by one in turn.
- ⑤ Remove foreign substances on roller surface using kitchen sponge.
- ⑥ Place the rollers to original position by color with the flat side of bearing upward as in the picture below. (Grey roller should be placed at the rear side.)
- ⑦ After placing the cover that fixes the roller to original position, fasten the bolt twice.
- ⑧ Put the cover and fasten both bolts.



▲ Disassembled Heating Roller



[Picture of Fuse Holder Location]

Spring Contact Position



▲ Correct Installation of Bearing

3. Major Safety Precautions

Before you use this film laminator, please read following safety precautions for safe use.

- Keep the product at flat and stable place and use it.
- There are gaps and openings for ventilation at the top and bottom of the product. Do not block or cover these areas to protect the product from overheat.
- Do not install other heaters (fan heater, room heater, and electric heaters) around this product.
- Use rated power indicated in the product label.
- Check if total current capacity of the products connected to the electric socket exceeds the current capacity of earth leakage circuit breaker.
- Do not place anything over power cord and place the power cord not to be caught by the people.
- Do not make power cord be knotted or twisted.
- Do not use the product at wet place.
- If the liquid penetrates into the product, shut off the power immediately and contact our service center.
- When you touch the product with wet hands, electric shock may occur.
- Do not make small objects like pins, clips or staples enter into the product.
- Avoid direct sunlight that may damage the equipment.
- When you finish using the product, turn off the power after cooling the roller enough.
- When you put any materials other than workpiece into the film input/output area of the product, it may cause safety accident or electric shock accident, therefore do not put any materials other than workpiece into it.
- Pull out the plug of the product when it lightens and thunders.
- Unplug when you move or clean it.
- When the product malfunctions (smoke generation, liquid input, power failure, overheat, etc.), pull out the power plug promptly and contact our service center.
- Do not damage roller silicon part of the product with sharp object like knife or scissor. It may cause poor work quality, electric shock or fire.

Items	Specifications
Max. laminating width	330mm
Max. laminating thickness	2.0mm
Warming up time	About 1 min
Heater type	Hot coil roller
Laminating Speed	520mm/min
Rated Power Supply	220 V 50/60 Hz 9A
Dimension(mm) and Weight (Kg)	580(W) x 295(L) x 140(H) / 10Kg