

SealerSales FS-100 4" ***Hand Impulse Sealer***

Instruction Manual



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IMPULSE SEALER

OPERATING INSTRUCTIONS

MODELS:

FS-100

FS-200/205

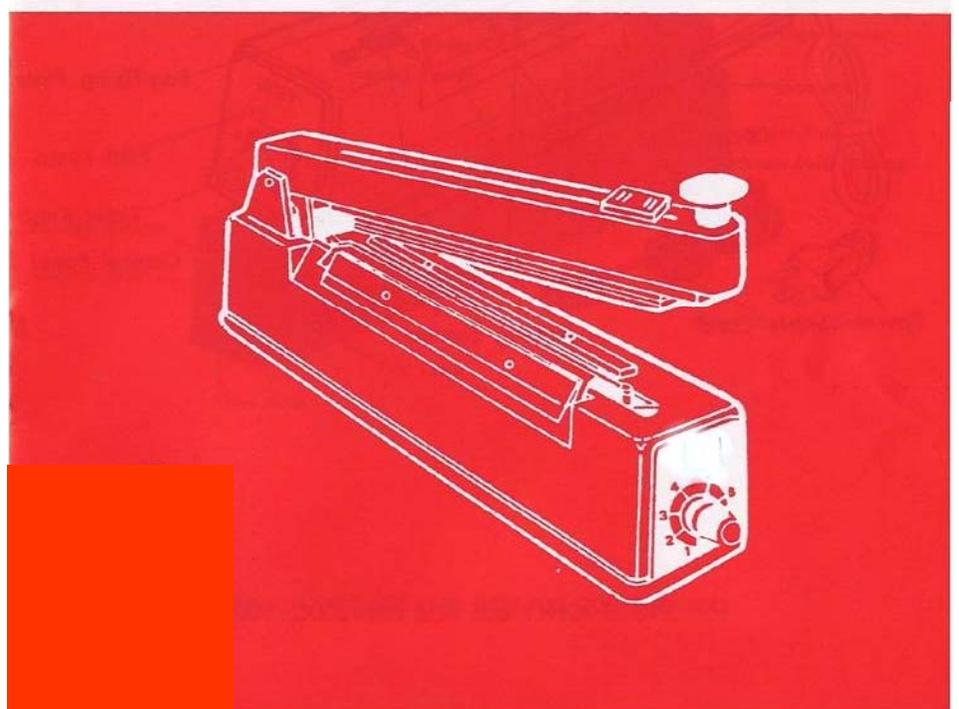
FS-300/305

FS-400/405

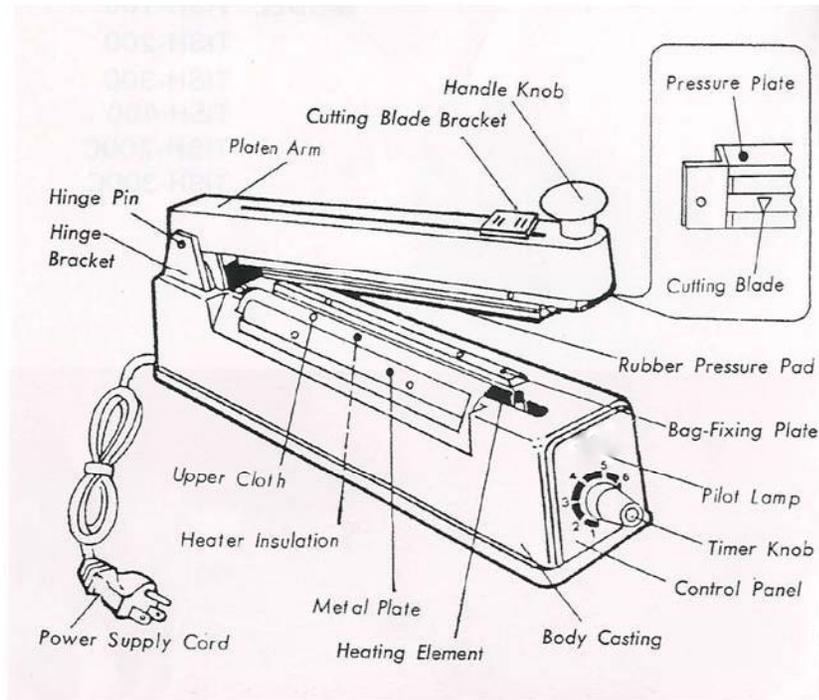
FS-500/505

FS-200C/205C

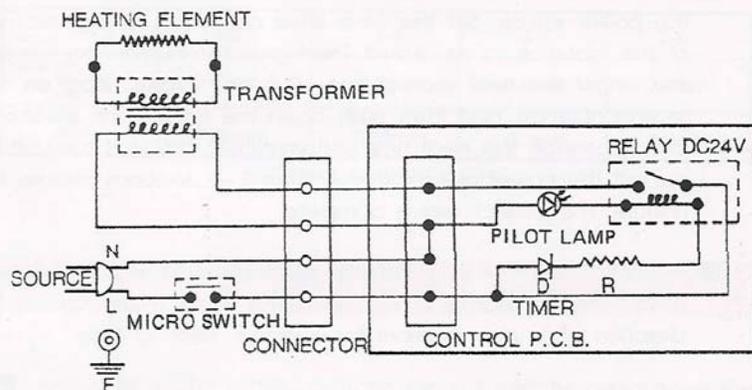
FS-300/305C



1. PARTS IDENTIFICATION



2. CONNECTION DIAGRAM

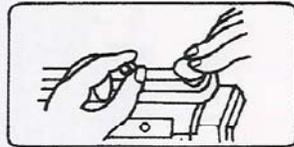


10. TROUBLESHOOTING

MALFUNCTIONS	REASONS	SUGGESTIONS
No sealing Power lamp is off	Disconnected plug Power cord is broken Transformer is broken	Check or change the plug Replace or repair the cord Replace the transformer
No sealing Power lamp is on Sealing lamp is on	Heater (heating element) is broken Spring hook our mounting spring is loose or in poor contact Terminals of the heating element are in poor contact	Replace the heater Clean or tighten spring hook connection Clean the terminals and adjust if needed
No sealing Power lamp is on Sealing lamp is off	Microswitch is activated Defective microswitch	Adjust the microswitch lever Adjust the microswitch position Replace the microswitch
Teflon cloth burn	Timer malfunction Prolonged heating time	Replace timer or relay Decrease the timer setting
Heating wire breaks	Worn Teflon adhesive	Replace the Teflon adhesive
Seal is wrinkled	Heating timer is set too high Cooling time is not enough	Lower the timer setting Continue pressing the upper lever for 1-2 seconds after the light goes off
Imperfect seal	Worn Teflon cloth Worn silicone rubber	Replace Teflon cloth Replace silicone rubber
Broken seal	Prolonged sealing time	Decrease timer setting
Non-full-weld seal	Sealing time is too short	Increase sealing time
Seal sticking	Dirty Teflon cloth Dirty sealing bar	Clean the Teflon cover Clean the silicone rubber sealing bar

5. OPERATION

- The machine does not use a power switch. Plug the AC cord into the power source. Set the timer knob according to the thickness of the materials to be sealed. The higher the number on the dial, the longer the sealing time. Put one plastic bag on the sealing platform, and then push down the handle. The electronic circuit controls the heat time automatically, the light turns off (to cut off the power automatically). After 1-2 seconds, release the handle. The perfect seal is complete.
- Should the seal appear damaged, most likely, the timer on the setting was too high. Adjust the knob to a lower timer setting.
- A non-tight seal is caused by sealing time that is too low. Adjust the knob to a higher timer setting.
- Should the plastic bag stick to the handle rubber, cooling time needs to be longer. Keep the handle down for a short time after the light turns off
- Slide the knife to cut off the rest of the bag. (Only for FS-200C/205C and FS-300/FS-305C)



- After the timer knob has been set, the heat time duration will remain the same for each usage. It is unnecessary to make further adjustments.
- It is okay to leave the AC cord plugged into the power source. No power is used unless the handle is pressed down.

6. GETTING STARTED

- No warm-up time needed.
- Always start with the lowest setting #1.
- Increase slowly until you get a satisfactory seal.
- Once the correct setting of the timer is set, the sealer will provide a consistent air and water proof seal every time.

7. TIPS FOR SUCCESSFUL SEALING

- Always keep the sealing platform clean. Avoid the oxidation of the residual on the platform which will reduce the life of the heating element and the teflon.
- Do not use water to clean the sealing platform.
- **Should the bottom teflon cloth wear out, it will cause a short circuit and damage the heating element. Each time you replace the heating element or the top teflon, check the bottom teflon adhesive and replace if worn.**
- Only use original equipment replacement wires and parts.
- A worn silicon handle rubber will influence the sealing effect. After a long period of usage, it should be checked.

8. SPARE PARTS

Model	FS-100/200/300/400/505 FS-205/305/405/505	FS-200C/300C FS-205C/305C
Heating Element	2pcs	2pcs
Teflon Cover	2pcs	2pcs
Blade	--	1pc

9. SPECIFICATIONS

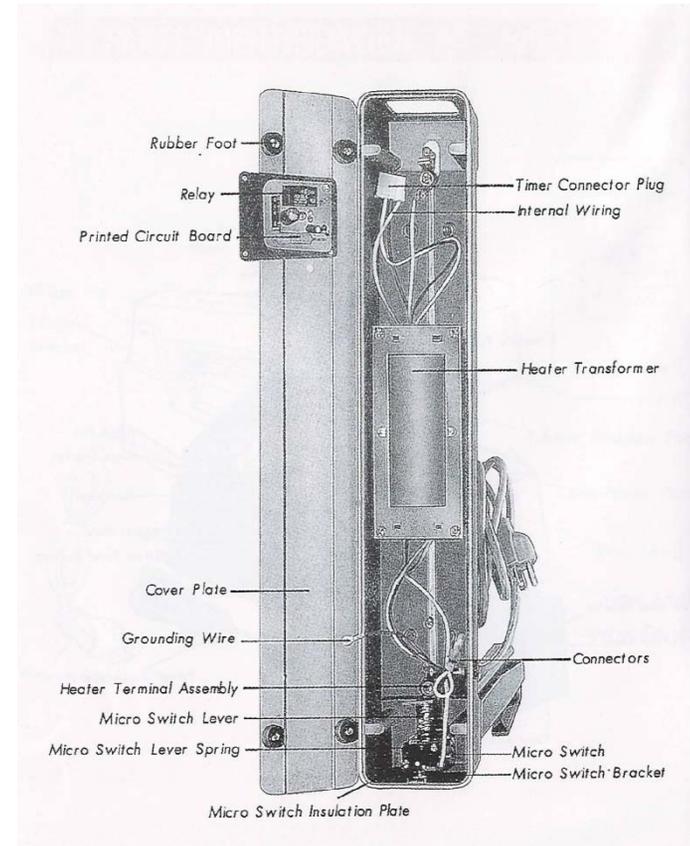
Model	FS-100	FS-200/200C	FS-300/300C
Voltage	110	110	110
Impulse Power (watts)	132	245	400
Max. Seal Length (mm)	100	200	300
Seal Width (mm)	2	2	3/2
Heat Time (sec)	0.2-1.3	0.2-1.3	0.2-1.3
Weight (lbs)	5	7/9	11/12

Model	FS-400	FS-500
Voltage	110	110
Impulse Power (watts)	440	755
Max. Seal Length (mm)	400	500
Seal Width (mm)	3	3
Heat Time (sec)	0.2-1.3	0.2-1.3
Weight (lbs)	15	18

Model	FS-205/205C	FS-305/305C
Voltage	110	110
Impulse Power (watts)	315	425
Max. Seal Length (mm)	200	300
Seal Width (mm)	5	5
Heat Time (sec)	0.2-1.3	0.2-1.3
Weight (lbs)	9/11	13/14

Model	FS-405	FS-505
Voltage	110	110
Impulse Power (watts)	600	800
Max. Seal Length (mm)	400	500
Seal Width (mm)	5-Jan	5
Heat Time (sec)	0.2-1.3	0.2-1.3
Weight (lbs)	17	20

Specifications subject to change by manufacturer.



3. PURPOSE

- Perfect for sealing PE and PP bags to package various kind of products in the food or industrial industry

4. CHARACTERISTICS

- CONVENIENT AND COMPACT
- ENERGY SAVER – UTILIZES ENERGY ONLY WHEN SEALING
- PRECISION ELECTRONIC CONTROL CIRCUIT
- EASY TO OPERATE