



Laboratory Equipment Manufacturer

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## Operation Manual

Heat Sealer, Sealing with - 500mm

# SK510 230V



**PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION**

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**MRC.010.14**

## 1 DESCRIPTION OF EVERY PART

- |                  |                         |
|------------------|-------------------------|
| ① Handle Knob    | ⑪ Lower Element Teflon  |
| ② Platen Arm     | ⑫ Upper Teflon Cloth    |
| ③ Platen Spring  | ⑬ Strain Relief Bushing |
| ④ Platen         | ⑭ Power Supply Cord     |
| ⑤ Silicon Rubber | ⑮ Heating Element       |
| ⑥ Swivel         | ⑯ Pilot Lamp            |
| ⑦ Hinge          | ⑰ Timer Knob            |
| ⑧ Hinge Bracket  | ⑱ Control Panel         |
| ⑨ Enclosure      | ⑲ Variable Resistor     |
| ⑩ Metal Plate    | ⑳ Switch Level          |

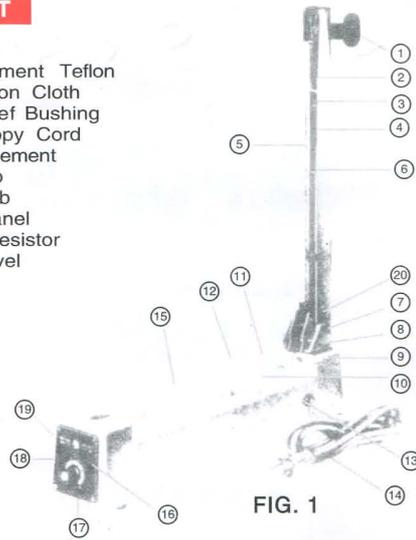


FIG. 1

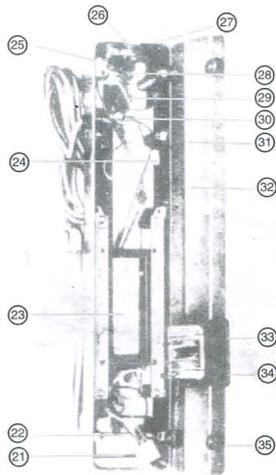


FIG. 2

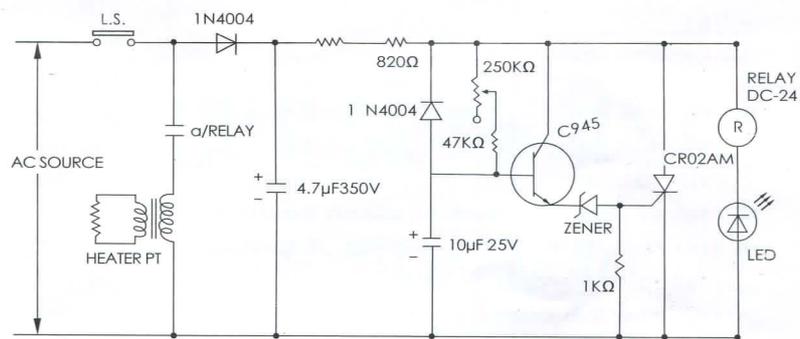
USE ONLY GENUINE  
REPLACEMENT PARTS

- |                       |                              |
|-----------------------|------------------------------|
| ⑲ Wire Connector      | ⑳ Switch Lever (Bottom View) |
| ⑳ Internal Wiring     | ㉑ Heater Terminal Assembly   |
| ㉑ Heater Transformer  | ㉒ Grounding Wire             |
| ㉒ Connectors          | ㉓ Cover Plate                |
| ㉓ Microswitch         | ㉔ Printed Wiring Board       |
| ㉔ Switch Bracket      | ㉕ Relay                      |
| ㉕ Switch Insulation   | ㉖ Rubber Foot & Screw        |
| ㉖ Switch Lever Spring |                              |

## 2 PURPOSE

This Impulse Sealer is to insure a water tight and air tight seal for effective autoclaving and sterilization procedure.

### 3 CONNECTION DIAGRAM



### 4 CHARACTERISTIC

*Compact Design*  
*Strong Water Tight Seal*  
*Fast Operating*  
*Power Saving*  
*Precision Electronic Circuit*  
*Long Life*

### 5 OPERATION

- Plug cord into AC outlet. No switch necessary, Machine will operate only when arm is depressed. Regulate the timer according to thickness of material to be sealed. Use a higher-number for thicker material. Pull handle down. Sealing takes place when light is on, Leave down for additional second after light goes off for a better seal.
- Use a lower number in case seal burns through
- Raise to higher number when seal isn't tight
- Should bag stick to silicon rubber, you did not give enough cooling time.
- Once you set the time, no need to reset as the machine will remain constant and unchanged.
- No need to remove plug from socket as machine will not operate until handle is lowered. No Power is consumed

## 6 NOTES

- Always keep sealing platform clean. Leaving residue will reduce life of element,teflon,and silicon rubber.
- Never use moisture to clean sealing surface.
- Replace torn teflon at once. A torn cloth will short circuit the element and damage it. Every time you replace the element, replace the lower and upper teflon cloth.
- Forbest operation, use only genuine replacement parts.
- A worn silicon rubber will influence the seal, change the silcon when worn or burned.
- Unplug wire when servicing the machine.

## 7 SPARE PARTS

ACCESSORIES	Q'TY
HEATING ELEMENT	1
UPPER CLOTH	1

### HEATING ADJUSTMENT LIST

MATERIAL INDICATOR	POLYETHYLENE	POLYPROFYLENE OR HIGH-HEAT FILM
1	UNDER 0.06m/m	
2	UNDER 0.1m/m	
3	UNDER 0.14m/m	
4	UNDER 0.2m/m	UNDER 0.03m/m
5		UNDER 0.044m/m
6		UNDER 0.06m/m
7		UNDER 0.08m/m