



Impulse Heat Sealing Machine

RS Stock No. 183-5734

Before use

1. Locate the sealer on a level surface, in a dry area.
2. Connect to a correct voltage power supply.
(see data plate for correct voltage).

Caution

1. Do not use outdoors or in a wet or humid location.
2. If an extension lead is used, ensure that it is undamaged, and the plug is correctly wired.

Operation

1. Place a polybag over the heating element at the desired seal location.
2. Press the handle down firmly for 1-2 seconds (warning light will illuminate). **Do not use undue pressure.**
3. Inspect the seal. If the seal does not appear to be fully welded, adjust the timer knob to a higher setting.
4. If the seal appears broken and overheated or the polybag sticks to the silicon rubber pressure pad beneath the lever, adjust the timer knob to a lower setting.

Timer settings

1. The timer is definitely variable in seven settings to accommodate the various thickness and types of material being used.
2. Simply adjust timer to suit gauge of film in use until the desired seal strength is obtained.
3. Please ensure that the material is kept completely flat across the Teflon fabric to obtain maximum seal efficiency.
4. Depending on types of material used this unit will seal two layers of 25 micron (100 gauge) to 125 micron (500 gauge) to 125 micron (500 gauge) inclusive.

For best result and reliable operation

1. Keep the Teflon fabric cover over the heating element clean and free of contamination. If it is damaged replace it immediately.
2. Keep the silicon rubber pressure pad free of contamination.
3. Allow at least one second "cooling time" between operations. Daily operations should not exceed 1000.

Your Impulse Sealer is designed for long trouble free service. Should a malfunction occur, the following may assist you in locating the fault.

Apparent Power Failure

(indicator light does not come on when lever pressed)

CHECK THE FOLLOWING:

- a) Switch at wall socket is on.
- b) Plug fuse has not blown.
- c) Power supply cord is not damaged.

Indicator light comes on but no weld

CHECK THE FOLLOWING:

- a) Inspect Teflon element cover for breaks. Replace if necessary (RS stock no.183-5740).

Imperfect Weld

CHECK THE FOLLOWING:

- a) Inspect Teflon fabric heating element cover for breaks or damage. Replace if necessary (RS stock no. 510-204).
- b) Inadequate "Cooling Time". Allow at least one second between operations.

Eventually certain components such as the heater element and the Teflon fabric heater cover will require replacement through "normal wear and tear".

WARNING: DISCONNECT THE MAINS SUPPLY WHEN REPLACING THE TEFLON FABRIC OR HEATING ELEMENT.

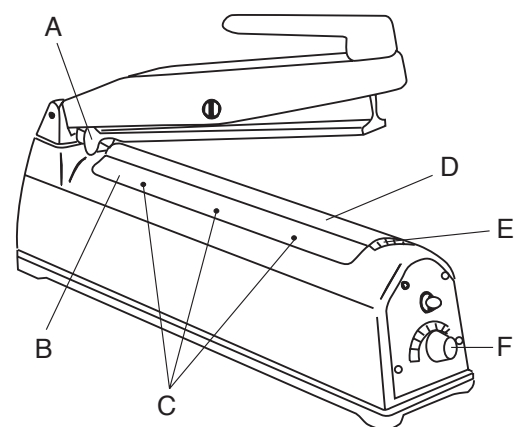
To replace the Teflon fabric heater cover:

Remove the screws that locate the retaining covers. The Teflon fabric can be lifted clear and replaced by a new part and the retaining covers replaced.

To replace the heating element:

Follow the procedure above to expose the heating element. Place one end of the new element over one of the electrodes out of the body of the sealer then lift the other electrode out of the body and put the remaining element loop over it. Replace Teflon heater cover and retainer covers.

Figure 1



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|--------------------|------------------|
| A. Electrode | D. Teflon fabric |
| B. Retaining cover | E. Heater |
| C. Screws | F. Timer |