

Impulse Sealers

TROUBLESHOOTING

Most sealers work on the principle that when the sealing arm is pressed down, it activates a microswitch which allows electric current to pass through the heating element (wire). The timer automatically controls the sealing time. If there is no timer, then the sealing time is manually controlled. Sealing is followed by cooling (the amount of time needed for the seal to set) and this affects the beauty of the seal. In manual operation, this is dependent on how long the sealing arm is pressed after the pilot light goes off. In the automatic operation, this is the congealing time.

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 or 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 not activated defective microswitch	adjust microswitch lever adjust microswitch position replace microswitch
Teflon cloth burn	timer malfunction prolonged heating time	replace timer or relay decrease the timer setting
heating wire breaks	worn Teflon adhesive (under the element)	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 1-2 secs. after the pilot light goes off
imperfect sealing	worn Teflon cloth worn silicone rubber	replace the 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