



# F108 PROTEC®

Perfection Into Every Detail

**Intended Purpose for use:**

This heat sealer is especially designed for the heat sealing of sterilization packaging material used to protect instruments.

The Famos rotary heat sealer is suitable for sealing the following sterilization materials:

- Laminate packing material
- Paper packing material suitable for heat sealing
- Tyvek® packing material (if sealer is manufactured as a Tyvek sealer)

**Product Features:**

F108 PROTEC series / rotary heat sealers The F108 PROTEC series represents the basic models within the Famos sealer range. The F108 models are not equipped with an internal printer. The F108 PROTEC series consists of 3 models: F108, F108 TX and F108 TX-P/USB. The models of the F108 PROTEC series distinguish themselves by a menu controlled operation and microprocessor controlled system. A digital temperature setting, and control are possible through the LCD display. The F108 TX and F108 TX-P/USB are additionally equipped with an automatic transport start and reverse transportation feature, which not only ensures safety, but which also prevents both instruments and the sealer itself from getting damaged. Both models are equipped with another safety feature that stops the machine from sealing when there is a temperature difference of 5°C in regard to the set temperature and the temperature that is actually being measured.

A production counter with audible alarm is also integrated in the F108 TX and F108 TX-P/USB. Moreover, the F108TX-P is equipped with parameter control and USB connection. Optionally an Ethernet connection can be integrated. In addition, all models are equipped with a RS232 communication port for easy software updates.

Each model is available in two versions:

- The first version is equipped with a grooved pressure roller (rib seal) to accommodate a controlled opening of the pouch and is suitable to seal laminate pouches and paper pouches.
- The second version is equipped with a pressure roller without grooves (flat seal) and is especially suitable for Tyvek pouches.

A flat front table and a front table with rollers are available as optional accessories.

**Technical Specifications:**

- Temperature range: 50 - 199 °C
- Running speed: 8,5 m/min ± 5%
- Seal seam width: 12mm (flat seal), 15mm (rib seal)
- Sealing force: 100 ± 5% Newton
- Power consumption: max. 365 W, average 70 W
- Dimensions: 438x289x137 mm
- Weight: 12 Kg

**Maintenance:**

**Routine maintenance**

There is no need for routine maintenance other than regularly cleaning the ventilator on the bottom of the machine. This will prevent dust from clogging the grills of the finger protector, which would result in insufficient cooling.

**Preventive maintenance**

The Famos Heat Sealers are subject to preventive maintenance twice a year. In some countries a higher rate of preventive maintenance is required by guidelines of the local Central Sterilization Organization. Please check whether this is applicable to your area.

In order to guarantee an optimal functioning of the heat sealer and in order to prevent corrective maintenance, we advise to have the machine checked and cleaned at least twice a year. During this inspection the following parts are checked on wear and tear and if necessary replaced.

- Transport belts
- Teflon strip on heating elements
- Teflon strip on guiding bars
- Timing belt pulley

## **SAFETY PRECAUTIONS**

### **Not to open**



The heat sealer should not be opened by unauthorized staff to avoid any injuries caused by electric shock or by the transport mechanism.

**Guarantee and warranty will become void as soon as the heat sealer has been opened by unauthorized staff without prior written permission by Famos bv.**

### **Ventilator**



Obstructing the ventilator at the bottom of the heat sealer could cause overheating to the electronic components within the heat sealer. This could cause serious damage to the heat sealer. Please check the cleanliness of the finger protector grill of this ventilator regularly, to avoid clogging which will cause improper cooling. Cleaning the grill should be done with the power supply socket disconnected from the heat sealer.

### **Automatic feed-in**



Although the automatic packaging feed-in of the heat sealer is protected, one should prevent small articles (like small tips of instruments) from being fed in together with the packaging. These objects may cause internal damage to the transportation mechanism as well as to your instruments. Never put objects other than packaging material into the heat sealer.

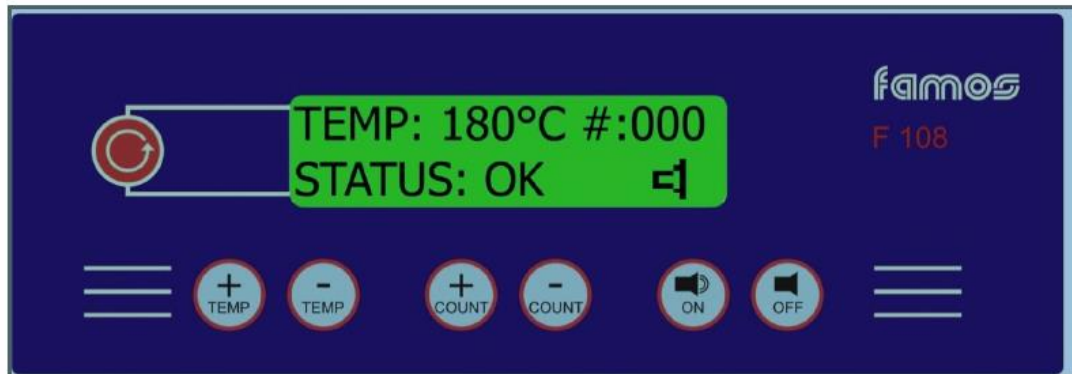
### **Power supply**










The only power supply cable which may be used to connect your heat sealer to the power supply socket is the one which is supplied together with the machine. Other power supply cables shall not be used.

**Additional Information:**

**Control Panel**



**Keys**

- |   |   |                          |  |
|---|---|--------------------------|--|
|    |    | Temperature adjustment   | Adjusting the sealing temperature            |
|   |   | Reverse transport key    | Transporting the packaging to the left       |
|  |  | Production counter       | Adjusting the production counter             |
|  |  | Production counter alarm | Setting the alarm for the production counter |