

Critical Seal Parameters

① Temperature

Seals must be performed at the temperature specified by the packaging manufacturer. If the temperature varies above or below the specified amount, burning of insufficient adhesion can occur. This is particularly prevalent with impulse heat sealers.

- ✓ Famos heat sealers are pre-heated to the correct temperature and thereafter controlled. Being a rotary sealer where only a small amount of surface contact occurs at any one time, there is no temperature loss or variance outside safe tolerances, even with continuous use.

② Pressure

Pressure is another critical parameter in correct sealing. Even if the temperature is correct and constant, without the correct pressure applied at the time of the seal, adhesion may be compromised.

- ✓ Famos heat sealers have pre set self adjusting pressure which cannot be varied to ensure the best possible seal.

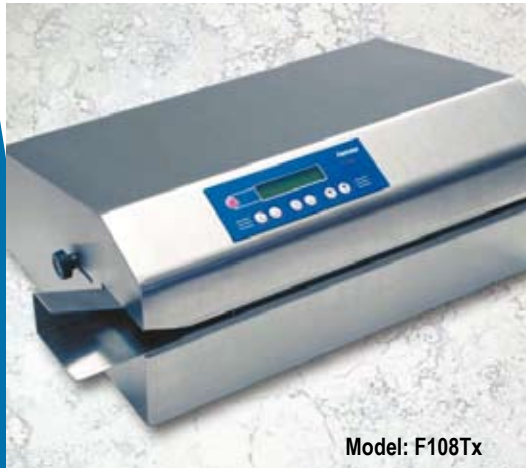
③ Time

The final parameter is the amount of time the pressure is applied for maximum adhesion. Too little or too much time can cause over melting or insufficient adhesion between the layers.

- ✓ Famos heat sealers are rotary whereby the pack is fed through heated rollers. Correct sealing time is guaranteed by having the transport speed pre set.

F108 Series

An entry level model which is simple, hard wearing, reliable and easy to operate. Ideally suited to medical clinics, dental surgeries, podiatrists and other situations where the daily packaging requirements are under 500 units.



Model: F108Tx

F108

The F108 is a basic rotary heat sealer with variable temperature adjustment, pre set self adjusting pressure and feeder speed. Other features include seal edge adjustment, microprocessor controlled operation and 15mm seal width.

F108T

Includes a production counter with audible alarm.

F108Ti

The F108Ti incorporates an automatic insert feed mechanism and reverse transport. The automatic insert feed starts the transportation mechanism when packaging material is fed into the machine. A manual reverse transport trigger assists in the aborting of a sealing run.

F108Tx

Same as the F108Ti but with the production counter and alarm.

F110 Series

A feature packed medium to high use model suited to hospitals and other large scale health care applications. Auto insert feed and reverse transport are standard with printing and PC connectivity options available. The F110 series is the most versatile and economical solution to your heat sealing requirements.



Model: F110DEP

F110

The F110 is the standard model in the series. This machine is totally menu operated with various functions programmed using the user friendly keyboard and LCD display.

F110D

The F110D has a built in printer which can print the packaging date, expiry date and alphanumeric codes on the back of packaging materials.

F110DEP

The F110DEP offers the option to print twenty characters of additional text next to the data as mentioned with the F110D and can store up to 255 texts. The F110DEP has the capability to print dates, codes and text on an external printer. This model also includes a COM port for PC programming of text and data.

F110DBC

In addition to the features of the F100DEP, the F110DBC incorporates a second printer for additional text or barcodes. (Barcodes are generated by commercially available software via PC connection to the sealer for printing)

F220 Series

The 220 Series heat sealers feature temperature, speed and pressure measuring and monitoring via extra sensors. If at any time a variance outside safe tolerances in any of the parameters is detected, the operator is alerted and results documented.



F220D

The F220D has a built in printer which can print the packaging date, expiry date and alphanumeric codes on the back of the packaging materials.

F220DEP

The F220DEP offers the option to print thirty characters of additional text next to the data as mentioned with the F220D and can store up to 799 texts. The F220DEP has the capability to print dates, codes and text on an external printer. This model also includes a COM port for PC programming of text and data.

F220DBC

In addition to the features of the F220DEP, the F220DBC incorporates a second printer for additional text or barcodes. (Barcodes are generated by commercially available software via PC connection to the sealer for printing)

Model Selection Chart

SPECIFICATIONS	F108	F108T	T108Ti	F108Tx	F110	F110D	F110DEP	F110DBC	F220D	F220DEP	F220DBC
Features											
Stainless steel hood and transportation system	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Microprocessor control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital menu operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Serial PC communication port (RS232)							✓	✓		✓	✓
Internal Printer						✓	✓	✓		✓	✓
Seal width in mm	15	15	15	15	15	15	15	15	15	15	15
Quantity usage per day	<500	<500	<500	<500	>500	>500	>500	>500	>500	>500	>500
Self adjusting pressure	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transportation speed (m/min)	8	8	8	8	10	10	10	10	10	10	10
Temperature adjustment (50°C-199°C)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temperature tolerance	2°C	2°C	2°C	2°C	2°C	2°C	2°C	2°C	2°C	2°C	2°C
Over heating protection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Seal edge adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Reverse transport			✓	✓	✓	✓	✓	✓	✓	✓	✓
Production counter		✓		✓	✓	✓	✓	✓	✓	✓	✓
Second temperature sensor									✓	✓	✓
Transportation speed sensor									✓	✓	✓
Pressure sensor									✓	✓	✓
Printing											
Packaging and expiry date						✓	✓	✓	✓	✓	✓
Alphanumeric code (Person/Batch)						✓	✓	✓	✓	✓	✓
Text programming							✓	✓		✓	✓
Second line printer for text/barcode								✓			✓
External label printing							✓	✓		✓	✓
Programming											
PC programmable							✓	✓		✓	✓
PC communication software							✓	✓		✓	✓
Options											
Front table	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Roller front table	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Features and specifications listed above are a sampling only. For complete details regarding models and features, please refer individual product flyers.

Optional Accessories



Stainless Steel Front Table

Provides a smooth supporting platform for the pack during heat sealing.



Roller Front Table

Guides heavy packaging more easily through the heat sealer preventing poor seals due to resistance caused by pack weight.



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