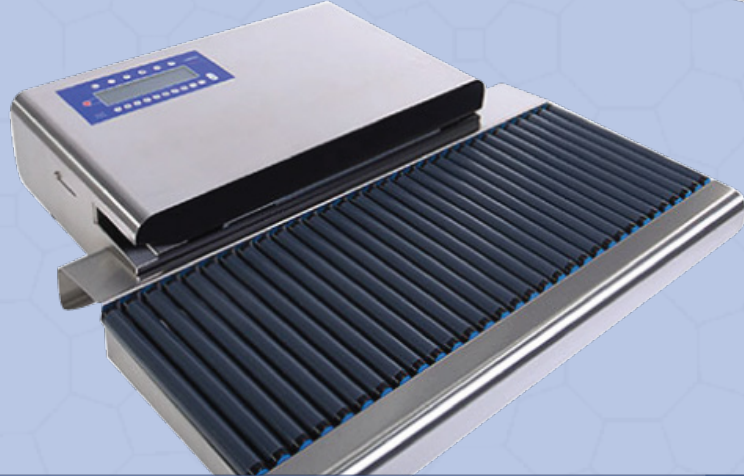


famos
Competence in CSSD



NATIONAL SURGICAL CORPORATION

Famos heat sealers and roll cutters

ISO 9001
BUREAU VERITAS
Certification



National Surgical Corporation
is certified to
AS/NZS ISO 9001:2015

A proudly founded and owned Australian company - providing value to our customers beyond the product

Rotary heat sealers

National Surgical Corporation have a range of Famos heat sealers that are used to securely close and seal sterilisation pouches that are cut to size

REDESIGNED MACHINE

Famos have redesigned the rotary heat sealers which improved many features and provides a high level of seal protection to the pouch contents

INNOVATIVE, HYGIENIC DESIGN

The housing of the heat sealers has been hygienically designed. Surface disinfection and cleaning can be easily performed due to the round corners and closed housing

FEED GUIDE

Integrated feed guide, which can be simply and quickly adjusted using an easy clicking system (0-40mm)

PROCESS VALIDATION STANDARDS

The Famos PROTEC machines comply to the process validation requirement according to EN ISO 11607-2 and DIN 58953-7:2010

MONITOR PARAMETERS

The clear LCD display allows for parameters such as temperature, transport speed and pressure to be monitored. These parameters are checked during every seal and will give warning and cease working if parameter is incorrect

LARGE RANGE

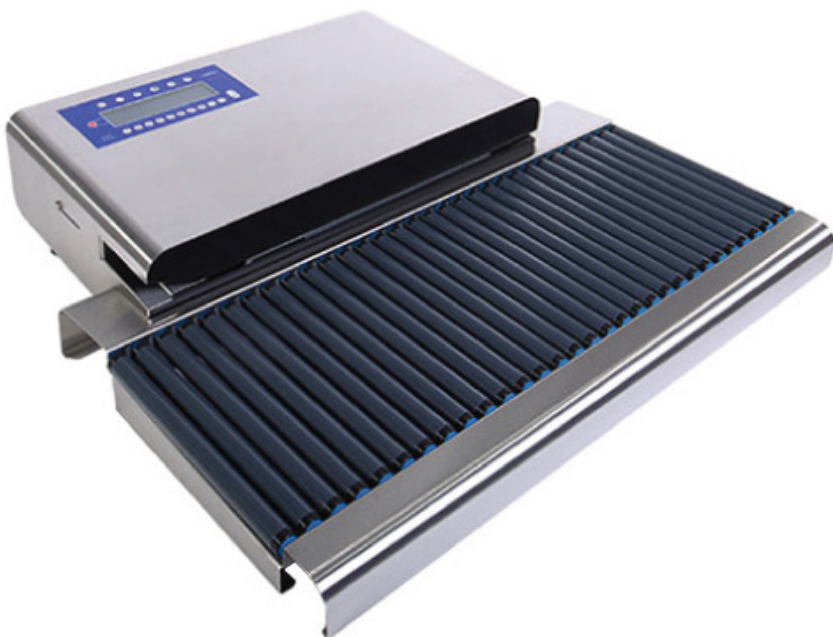
The PROTEC range consists of various models divided across the F108, F110 & F220 series

ACCESSORIES

Range of accessories including front roller table, seal tests and push indicator dye tests

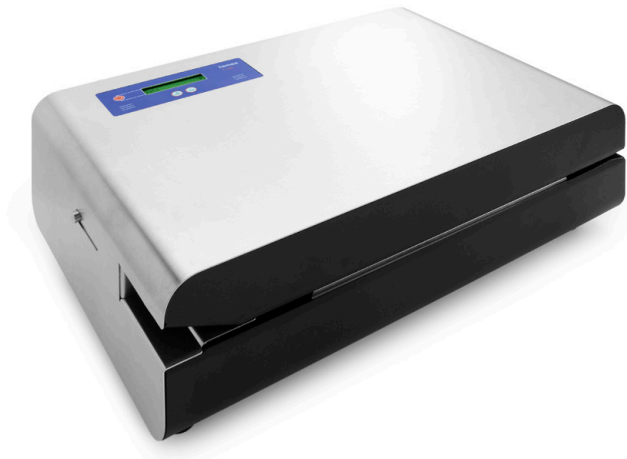
WARRANTY

Famos provides 2 years warranty on all of the heat sealing equipment, with the exception of the motors and the fans, which have 5 years warranty



F108 PROTEC

Basic model with 3 models: F108, F108TX, F108TX-P/USB



- 3 models in range (distinguish by a menu controlled operation and micro processor controlled system)
- Digital temperature setting and control through LCD, adjust temperature between 50 - 199°C
- LCD display
- Safety feature stops the machine from sealing when there is a temperature difference of 5°C against set temperature
- F108TX & F108TX-P are equipped with an automatic transport start, reverse transportation feature and a production counter with alarm, which prevents instruments from getting damaged
- USB connection on F108TX-P
- RS232 port allows software to be updated as required
- Is not equipped with an internal printer

Specifications

Seal width (rib seal): 15mm
 Seal width (flat seal): 12mm
 Seal length: 1->

Transport speed: 8.5m/min
 Numbers of lines displayed: 2
 Dimensions: 438x289x137mm

Power consumption: 330 Watts
 Average power consumption: 70 Watts

Code	Description	Roller type
FM-30.100.550	Famos F108 PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.551	Famos F108 Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.554	Famos F108 TX PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.555	Famos F108 TX Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.558	Famos F108 TX-P/USB PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.559	Famos F108 TX-P/USB Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.623	Famos Front table for F108 PROTEC series	
FM-30.100.620	Famos Roller front table for F108 PROTEC series	

* Rib seals suitable for laminated and paper pouches to accommodate the opening of the pouch

* Flat seals suitable for Tyvek material pouches, laminated and paper pouches

Rotary heat sealers

F110 PROTEC

3 models: F110D, F110DEP-P, F110DBC-P/USB



- Digital temperature setting and control through the LCD display, adjust temperature between 50 - 199°C
- USB connection on F110DBC-P/USB
- All models are equipped with an automatic transport start, reverse transportation feature and a production counter with alarm, which prevents instruments from getting damaged
- Internal printer - prints the packing date, expiry date, code, texts and barcodes on the packaging
- Constant monitoring of parameters: temperature, speed, force. If parameters are incorrect, machine will give a warning and cease working
- RS232 port allows software to be updated as required

Specifications

Seal width (rib seal): 15mm
 Seal width (flat seal): 15mm
 Seal length: 1->

Transport speed: 10m/min
 Numbers of lines displayed: 2
 Dimensions: 527x314x162mm

Power consumption: 365 Watts
 Average power consumption: 70 Watts

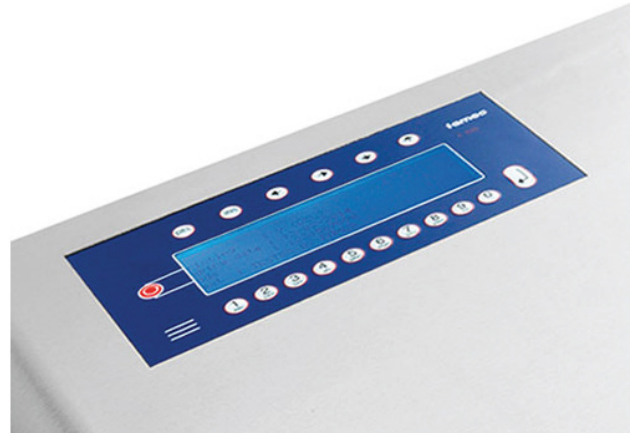
Code	Description	Roller type
FM-30.100.570	Famos F110D PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.571	Famos F110D Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.574	Famos F110DEP-P/USB PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.575	Famos F110DEP-P/USB Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.582	Famos F110DBC-P/USB PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.58	Famos F110DBC-P/USB Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.626	Famos Front table for F110 / F220 PROTEC series	
FM-30.100.619	Famos Roller front table for F110 / F220 PROTEC series	

* Rib seals suitable for laminated and paper pouches to accommodate the opening of the pouch

* Flat seals suitable for Tyvek material pouches, laminated and paper pouches

F220 PROTEC

2 models: F220DEP-P/USB, F220DBC-P/USB



- Graphical LCD display, password protection, changeable printing sequence, programming of 4 expiry dates and up to 3000 characters of text
- USB connection
- All models are equipped with an automatic transport start, reverse transportation feature and a production counter with alarm, which prevents instruments from getting damaged
- Internal printer - prints the packing date, expiry date, code, texts and barcodes on the packaging
- Constant monitoring of parameters: temperature, speed, force. If parameters are incorrect, machine will give a warning and cease working
- RS232 port allows software to be updated as required as well as connect to a PC to programme text
- F220DBC-P/USB model can operate with instrument traceability systems to generate barcodes and other data

Specifications

Seal width (rib seal): 15mm
 Seal width (flat seal): 15mm
 Seal length: 1->

Transport speed: 10m/min
 Numbers of lines displayed: 6
 Dimensions: 527x314x162mm

Power consumption: 365 Watts
 Average power consumption: 70 Watts

Code	Description	Roller type
FM-30.100.600	Famos F220 DEP-P/USB PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.601	Famos F220 DEP-P/USB Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.608	Famos F220 DBC-P/USB PROTEC rotary heat sealer	Grooved pressure roller (rib seal)
FM-30.100.609	Famos F220 DBC-P/USB Tyvek PROTEC rotary heat sealer	Pressure roller (flat seal)
FM-30.100.626	Famos Front table for F110 / F220 PROTEC series	
FM-30.100.619	Famos Roller front table for F110 / F220 PROTEC series	

* Rib seals suitable for laminated and paper pouches to accommodate the opening of the pouch

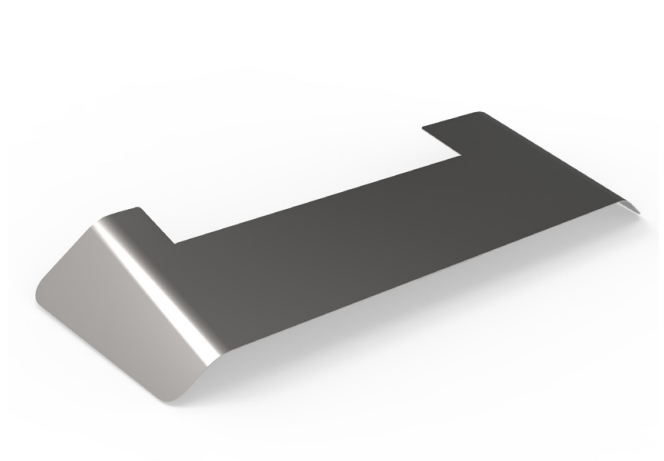
* Flat seals suitable for Tyvek material pouches, laminated and paper pouches

Accessories

FRONT ROLLER TABLE



FRONT FLAT SURFACE TABLE



- Both types of tables provide a smooth supporting platform for the heat sealed bags during the sealing process
- Guides the packaging easily through the heat sealing machine and prevent the heavy weight from causing poor seals
- Connects specifically to different models to form an integrated system

SEAL TEST

Code: 15.300.043 - Seal tests - Pack 250

15.300.068 - Folder for storing seal tests



- Seal test is a paper test
- Only use on laminated packaging
- For daily testing of sealing seam
- Ensures that the seal being provided:
 - Is intact
 - No channels or open seals
 - No punctures or tears
 - No material separation
- Contains fields to document various information such as sealer number, location, date, signature

PUSH INDICATOR DYE TEST

Code: 24.900.860 - Ink tests - Pack 30



- Suitable for both laminate and Tyvek packaging
- Ink test to test the quality of the seal
- Place ink test in pouch prior to it being sealed, once sealed, ink will show any weak spots

Impulse sealer

F70 SERIES

2 models: F70-300, f70-400



- Impulse sealers are suitable for smaller quantities of pouches that need sealing, or for material that cannot be sealed by rotary heat
- Seal pouches of polypropylene, polyethylene, Tyvek, paper pouches with glue strip, dust covers and other materials
- Completely made with AISI 304 stainless steel
- Ideal for processing packaging material from the roll with its built-in roll holder and a cutting device
- Sealer operates through a lever which has to be pulled down after which the sealer heats up automatically
- Sealing time and cooling down time are indicated by a LED

Specifications

F70-300

Effective seal length = 320mm

Dimensions: 435x340x190mm

Seal length: 8mm

Time control: 300mm

F70-400

Effective seal length = 420mm

Dimensions: 435x440x190mm

Seal length: 8mm

Time control: 400mm

Code	Description
FM-31.100.008	Famos F70-300 impulse sealer
FM-31.100.016	Famos F70-400 impulse sealer

Roll holders & cutters

National Surgical Corporation have a range of Famos roll holders and cutters to create the required length of packaging material for specific instruments

HIGH QUALITY STEEL KNIFE

Rotary knife of the cutting device is made from the highest quality hardened steel and is self-sharpening which ensures years of maintenance free use

SMOOTH UNROLLING

The roll holders are equipped with nylon bearings with steel rods for support, which makes it easier to unroll the reels

EXPAND STORAGE CAPACITY

Top extensions can be installed which doubles the storage capacity of the holder

DIFFERENT MOUNTING OPTIONS

Roll holders come standard as a table model. Optional to mount on wall (holders without extensions), or hang on upright partition of a packing table or workstation

EXTRA LONG PEEL POUCH

To store or cut extra long packaging material, we recommend using either the TS1200RM or TS1500RM, which are standard as table models. These have an integrated cutting mechanism with a self-sharpening knife

VARIOUS CAPACITIES

Famos offers: TS450, TS600, TS750 and TS900 models. This represents both the effective working capacity and the storage capacity of the roll holder

WARRANTY

Famos provides 12 months warranty on the roll holders and cutters excluding parts such as blades and cutting heads



Image	Code	Description
	FM-50.104.259	Roll holder TS450 with cutting device – 453x408x118mm
	FM-50.105.296	Extension for roll holder TS450 - 453x255x100mm
	FM-50.100.140	Roll holder TS600 with cutting device – 820x420x110mm
	FM-50.100.138	Extension for roll holder TS600 - 603x255x105mm
	FM-50.100.080	Roll holder TS750 with cutting device – 970x410x110mm
<i>pictured with extension</i>	FM-50.100.081	Extension for roll holder TS750 - 753x255x105mm
	FM-50.100.130	Roll holder TS900 with cutting device – 1120x410x110mm
<i>pictured with extension</i>	FM-50.100.131	Extension for roll holder TS900 - 904x255x100mm
	FM-50.107.206	Roll holder TS1200RM with cutting device – 1189x337x185mm
	FM-50.107.207	Roll holder TS1500RM with cutting device – 1475x337x185mm
	FM-50.200.847	Stainless steel profile for roll cutters



Let NSC Support You

**BE SUPPORTED BY AN
AUSTRALIAN COMPANY**

PROVIDING VALUE BEYOND THE PRODUCT

What makes NSC different to our competitors to support you?

- A proudly Australian owned and founded company
- Combining 25 years of expertise in the healthcare industry
- Creating value for our customers beyond the product
- Working with our customers to offer specialised solutions
- Offering a large product range focused on cost effectiveness, patient care and productivity
- Low overheads allows us to provide cost savings to our customers compared to the multinationals
- Coordinated, whole company approach to every customer
- Establishing trust for long term customer relationships

Who are we?

National Surgical Corporation (NSC) is an import manufacturer in the healthcare industry, distributing surgical instruments, consumables, equipment and shelving all major hospitals and healthcare facilities throughout Australia. Our extensive product range can be used by all specialist disciplines and departments within a hospital, day surgery or specialist centre.

Let NSC support you and your department

Don't be afraid to change, NSC will support and assist you throughout every step. NSC has extensive training and inservicing material available and can tailor a program to meet your individual needs so that all personnel are aware of how the product operates. Switching to NSC can save you significantly and we can show you how!

Our range includes:



Wound Drains



Electrosurgical Range



OT & General Consumables



Surgical Instruments



Patient Positioning



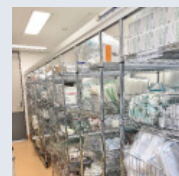
Medichill Ice & Heat Packs



Protection Products



Cleaning & Sterilisation



Shelving & Storage



Pegasus High Density Storage

CUSTOMER SERVICE

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