

Easyseal®



***EASYSEAL
MEDICAL SEALER***



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EF120

Automatic Cutting-Sealing Machine



EF120-A

EF121

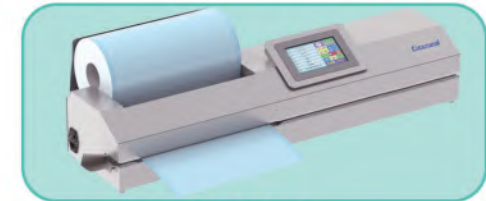
Cutting -Sealing-Printing Machine



EF121-A

EF122

Cutting-Sealing-Printing (2-Line) Machine



EF122-A

Main Features

➤ Automatic feeding, cutting and sealing: You only need to set up the length and quantity of the paper-plastic pouches as per the requirements and start the program, then the machine will automatically complete the feeding, cutting and sealing process;

➤ Touch screen with Android OS, which features in graphical operation interface, single chip control system, adjustable parameters settings with English input methods or optional scanning gun, automatic storage with functions of voice reading, voice prompt and wireless Wifi connection etc. ;

➤ If necessary, several rolls of paper-plastic pouches with different widths could be loaded into the machine at the same time to improve its working efficiency by finish cutting and sealing simultaneously;

➤ Temperature controlled by a microcomputer: Fast heating and high temperature control precision;

➤ Safe operation: If the sealing temperature and sealing pressure exceeds setting range, the machine will automatically stop working, which effectively guarantees the seal quality and safety.

(Patent No.: ZL 2016 3 0419167.1)

Technical Parameters

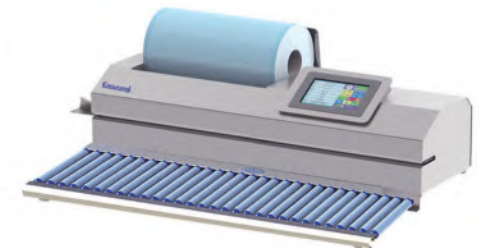
- Control System: 7" color capacitive LCD
- Sealing Speed: 10±0.5m/min
- Sealing Width: 12mm
- Cutting Length: ≥50mm
- Cutting Speed: 10±0.5m/min
- Sealing Margin: 0~35mm adjustable
- Working Temperature: 60~220°C adjustable
- Temperature Control Precision: ≤±1°C
- AC Power: According to customer requirements



Operation System



Operation System



Printing System Features

➤ Printing system can print medical device labels, marks and informations; such as the expiry date, lot No., name or operator code, cooker No. and cooker batch;

➤ The machine has an in-built 24-needle printer to realize high definition printing in English and it's very simple and quick; Multiple fonts(narrow, normal and wide) are available;

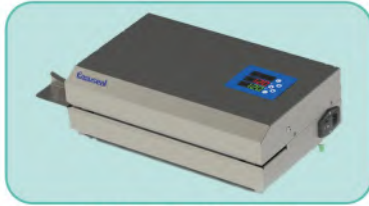
➤ The operator can close all the printing functions simply by pressing one key or choose to close one of the printing functions.

No.	Model	Product Name	Specification	Max Current(A)	Fuse	Power(W)	Weight(KG)	Dimension(MM)
1	EF120-A	Automatic Cutting-Sealing Machine	Max Cutting Widthn≤400mm	3.2	5A×2	600	38	962×290×200
2	EF120-B		Max Cutting Widthn≤500mm	3.2	5A×2	650	40	1062×290×200
3	EF121-A	Cutting-Sealing Printing Machine	Max Cutting Widthn≤400mm	3.2	5A×2	600	42	1030×290×200
4	EF121-B		Max Cutting Widthn≤500mm	3.2	5A×2	650	45	1130×290×200
5	EF122-A	Cutting-Sealing-2-Line Printing Machine	Max Cutting Widthn≤400mm	3.2	5A×2	600	46	1090×290×200
6	EF122-AB	Cutting-Sealing-Large-Font Printing Machine	Max Cutting Widthn≤500mm	3.2	5A×2	650	48	1090×290×200

Note: If necessary, the machine could be set up to display and print out the characters in other languages.

EF130-E

Rapid Heat Sealer



EF130-E(left feeding)

Main Features

> The machine has highlighted digital tube display, adopts the world's first rapid continuous sealing technology, whose sealing speed is one time quicker than conventional heat sealers, with temperature control precision of $\pm 1^{\circ}\text{C}$, random setup of working temperature 60 ~ 220 $^{\circ}\text{C}$, counting function, satisfying the requirements for quick sealing, upgraded replacement of conventional heat sealers. High-speed increase of temperature: only 40 seconds.

Technical Parameters

- > Sealing Speed: 20 \pm 0.5m/min
- > Sealing Width: 12mm
- > Sealing Margin: 0~35mm adjustable
- > Power: 600W
- > Weight 12kg
- > Dimensions: 426X206X125mm
- > AC Power: According to customer

EF131-TR

Rapid Sealing Printing Machine (Touch Screen)

Main Features

- > 4.3" (95x55mm) colored LCD touch screen, graphical operation interface, English display and print, keyboard control, in-built clock, adjustment and setup of the operation parameters and automatic storage function;
- > Temperature controlled by a microcomputer, accuracy $\pm 1\%$, random setup of working temperature range 60~220 $^{\circ}\text{C}$;
- > High-speed increase of temperature: only 40 seconds required from ambient temperature to 180 $^{\circ}\text{C}$;
- > Auxiliary temperature reduction design: The in-built microcomputer controlled temperature reducing device reduces the waiting time from high sealing temperature to lower sealing temperature;

Main Features of Printer

- > Can print English characters, numbers and the special symbols specified by YY 0466-2003 Medical Devices Symbols For Use in the Labelling of Medical Device; can also print all the information required by the relevant specifications, such as the expiry date, lot No., department name, name or code of the operator, cooker No. and cooker batch;
- > The in-built printer can adjust the size, gap and direction of the fonts, so more information could be printed onto the narrow pouches. The operator can close all the printing functions simply by pressing one key or choose to close one of the printing functions;



EF131-TR Carbon Steel

Technical Parameters

- > Sealing Speed: 20 \pm 0.5m/min
- > Sealing Width: 12mm
- > Sealing Margin: 0 ~ 35mm adjustable
- > Power: 500W
- > Max Current: 3.2A
- > Weight: 17kg
- > Dimensions: 560X260X220mm
- > AC Power: According to customer requirements

EF131-T

Rapid Sealing Printing Machine



EF131-T

Main Features

- > 7" color LCD capacitive touch screen with Android OS, which features in graphical operation interface, single chip control system, adjustable parameters settings with English input methods or using optional scanning gun, automatic storage with functions of voice reading, voice prompt and Wifi connection etc;
- > The machine has printing parameter database and the sealing parameters can also be recorded through a wireless router;
- > Temperature controlled by a microcomputer: fast heating and high temperature control precision;
- > Complete peripheral supporting facilities, such as the multifunctional sealing machine worktables, special silent.

Technical Parameters

- > Sealing Speed: 20 \pm 0.5m/min
- > Sealing Width: 12mm
- > Sealing Margin: 0 ~ 35mm adjustable
- > Power: 500W
- > Weight: 17kg
- > Dimensions: 560X260X220mm
- > AC Power: According to customer requirements

Note: If necessary, the machine could be set up to display and print out the characters in English or other languages.



Main Features

- Auto-control function, adopt highlighted digital tube display continuous operation; temperature accuracy of $\pm 1^{\circ}\text{C}$, working temperature randomly set up from 60-220 $^{\circ}\text{C}$; adopt dajustable fixed-force system;
- Advanced flat ceramic heating components, Fast heating, 40s required from room temperature to 180 $^{\circ}\text{C}$.

Technical Parameters

- Sealing Speed: 10 \pm 0.5m/min
- Sealing Width: 12mm
- Sealing Margin: 0~35mm adjustable
- Power: 500W
- Weight 12kg
- Dimensions: 426X206X125mm
- AC Power: According to customer requirements



Main Features

- Intelligent temperature controller, adopt highlighted digital tube display accuracy $\pm 1^{\circ}\text{C}$, working temperature range: 60~220 $^{\circ}\text{C}$;
- High rate increase of temperature, only 40s needed to rise from room temperature to 180 $^{\circ}\text{C}$;
- Adjustable fixed-force system, suitable for sealing paper-plastic bags, 3D paper-plastic bags and paper-paper bags.

Technical Parameters

- Seal speed: 10 \pm 0.5m/min
- Seal width: 12mm
- Seal margin: 0~35mm
- Power: 500W
- Weight: 15kg
- Dimensions: 490 \times 260 \times 136mm
- AC Power: According to customer requirements

Sealing Test Cards (Pouches)



Operation Qualification

- Our Easuseal test cards(pouches) can be used to detect and record the performance parameters of the sealer when it operates They can clearly show the sealing result and quality of a sealer by outstanding the defects of the sealing edge, so sealing problems could be found out quickly and the sealing parameters can be adjusted accordingly to satisfy the sealing requirements and ensure the sealing quality, at the same time the test specimens can be stored for validation or following up the sealing quality in the future.
- Continuous and complete;
 - No channel or unsealed area;
 - No perforation or torn parts;
 - No separated layers.

Application Of Sealing Test Cards(Pouches)

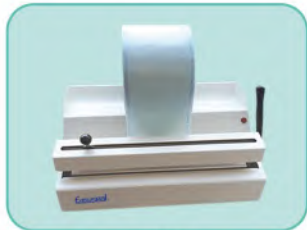
- There are two types of sealing test cards(pouches): high-temperature paper-plastic pouch test cards(pouches) and Tyvek low-temperature sealing test cards(pouches). The pouches to be sealed for high-temperature steam sterilization or ethylene oxide sterilization should use paper-plastic pouch test cards(pouches); while those for low temperature plasma sterilization should use Tyvek test cards(pouches); suitable type of test pouches should be selected based on the material of the cards(pouches).



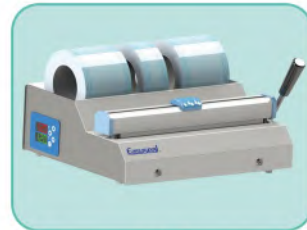
Note: If necessary, the machine could be set up to display and print out the characters in other languages.

EF006 EF007

Manual Sealing Machine



EF006



EF007

Main Features

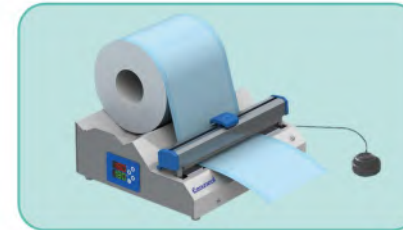
Temperature controlled by microprocessor, displayed by digital tube, adjustable temperature, automatic protection for ultra-high temperature, low temperature automatic alarm, over-current protection and other leading designs, with advantages of fast heating speed, stable performance, beautiful appearance, safe use, easy operation, and low repair rate, At the same time built-in double-edged cutting knife to ensure the smooth formation of the incision.

Technical Parameters

Code	Model	Spec	Sealing Length(mm)	Sealing Width(mm)	Power(W)	Weight(KG)	Size(MM)
1	EF006	A	300	8	500	9	360×330×150
		B	400	8	550	13	460×330×150
2	EF007	A	300	10	500	9	360×330×150
		B	400	10	550	13	460×330×150
3	EF008	A	300	10	500	10	360×330×150
		B	400	10	600	14	460×330×150

EF008

Heat Sealer with Foot Switch



EF008

Main Features

Temperature controlled by microprocessor, displayed by digital tube, adjustable temperature, automatic protection for ultra-high temperature, low temperature automatic alarm, over-current protection and other leading designs, with advantages of fast heating speed, stable performance, beautiful appearance, safe use, easy operation, and low repair rate, At the same time built-in double-edged cutting knife to ensure the smooth formation of the incision.

With foot switch, user can hold the pouches more easily with two hands, no need for operate the handle by hand.

Paper-Plastic



Materials and Features

- Bacteria proof, water proof, dust proof, alcohol proof and ventilation;
- Steam, ethylene oxide sterilization indicative marks;
- Standard compliance with breathability/barrier properties/nontoxicity/mechanical properties/water repelency/easy-opening/fissility;
- Tear direction instructions;
- Traceable marks of the manufacture;
- Meets the requirements of SBS.
- Norms: ISO11607-1&-2, EN868-5, CE, YY0698.5-2009.

Tyvek

Materials and Features

- Polyethylene film and Tyvek thermal compressed;
- Low temperature hydrogen peroxide plasma sterilization;
- Hydrogen peroxide plasma sterilization indicative marks;
- Clean split, superior bacteria proof and anti-tear ability;
- Tear direction and length instructions;
- Aseptic storage duration up to 6 months;
- Visualization and good penetration performances.
- Sterilization method: Low temperature hydrogen peroxide plasma.
- Norms: EN868, ISO11607, GB/T19633, YY/T0698



P.S: We provide customized Tyvek bags based on special needs.

Optional accessoried



EF201 Ultra-quiet Roller
(745×256×52mm)



EF202 Ultra-quiet Roller
(1100×256×52mm)



EF211 Single-layer Cutter
(735×310×140mm)



EF212 Double-layer Cutter
(735×345×395mm)



EF210
Multifunctional Workstation



Ultrasonic Cleaner



Cleaning Spray Handle



EF231 Tape Cutter



KHXT-2500 Hemodialysis
Water Treatment Equipment



KHC-500 Ultra-pure
Water Machine



KHRO-500 Water Purifier



KH-100 Automatic
Water Softener