

Easyseal®



***EASYSEAL
MEDICAL SEALER***



Easyseal Medical Technology Co., Ltd

Company Profile

Easuseal is a high-tech enterprise committed to R&D, production and seals various types of medical equipment, pharmaceutical machinery and water treatment equipment. It has a number of certification such as ISO9001 and CE. It is the only company in China that has "medical intelligent sealing equipment engineering". "Technology Research Center", the title of sealing equipment design and production enterprises. More than 30 models of medical sealer (medical heat sealer) developed by our company are capable of displaying and printing in multiple languages such as English and Japanese. It has pioneered large-size printing and laser printing and sealing equipment with independent intellectual property rights and has adopted various heating methods for precise control. Warm high-end control technology, the main performance is unique in the world, technical characteristics are among the leading international level. Can be customized according to the requirements of users and OEM design and production, can adapt to different industries and user needs. Companies adhering to the "Quality of survival, security, quality and development" concept, with a wealth of product lines, perfect technical support, has got more and more worldwide customers support and trust.



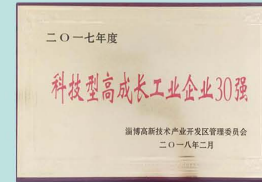
Registration for Medical Devices



R&D Center of Sealing Machine



Certificate of Hi-Tech Enterprise



Award of 2017



Business License



National Patents



Seal Strength Tester
National Patents



National Patents



ISO9001 Certificate



CE Certificate



PSE Certificate



Easyseal Medical Technology Co., Ltd
Won 6 National Computer
Software Copyright Registration Certificate



Easyseal Medical Technology Co., Ltd
Won 28 National Patents

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;

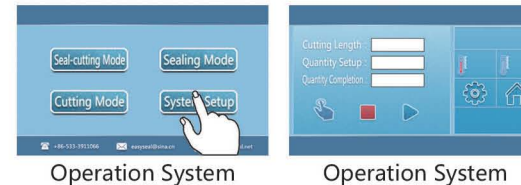
➤ Temperature controlled by a microcomputer: Fast heating and high temperature control precision;

➤ 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)

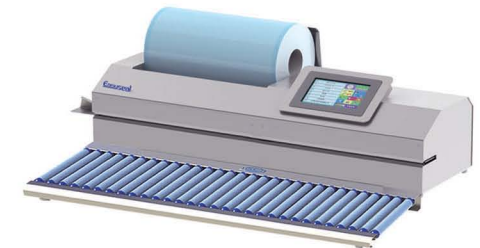
Technical Parameters

- 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.

EF101-T

Sealing Printing Machine

Main Features

- 7" Color Capacitive touch screen, with Android OS graphical user interface, and parameters can be set up and stored;
- In-built color touch control screen can be used without computer connection to set up or change the operation parameters, with English input methods or using optional scanning gun;
- Adjustable fixed-force system, suitable for sealing 3D paper-plastic pouches and paper-plastic pouches of any thickness, with native OQ function.
(Patent No.: ZL 2016 3 0419170.3)

Technical Parameters

- Seal speed: 10±0.5 m/min
- Seal width: 12 mm
- Seal margin: 0~35mm
- Temperature range: 60~220°C
- Power: 500W
- Weight: 18kg
- Dimension: 560x260x220mm
- AC Power: According to customer requirements



EF101-T

Performance Specification

- Printing system can print medical device labels, marks and informations; Printing of sterilization date, expiry date, lot NO., Sterilizer NO., operators and department conforms to relevant standard.
- With in-built printer: font width, space are adjustable, convenient for more information to be printed on narrow pouches; print function can be closed with one-key or partially activated;
- System automatically provides printing width value and estimates minimum pouches width for printing requirement.

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

EF102-T

Sealing Printing (2-Line) Machine

Main Features

- 7" colored LCD capacitive touch screen, which features in graphical operation interface, in-built clock, adjustable parameters settings and automatic storage. In-built color touch control screen can be used to set up or change parameters and printing contents, with English input methods or optional scanning gun. Two printing heads allows large-scale information to be printed into 2 lines at the same time.

Technical Parameters

- Seal speed: 10±0.5 m/min
- Seal width: 12 mm
- Seal margin: 0~35mm
- Temperature range: 60~220°C
- Power: 500W
- Weight: 20kg
- Dimension: 660x260x220mm
- AC Power: According to customer requirements



EF102-T

Performance Specification

- With double printing heads equipped, the machine can set the printing issue and adjust printing content and realize double line Man print. Users can decide the place of printing;
- can use Wireless Router to record sealing parameters, for 8 million times and store sealing and print information for 8million unites to facilitate back the query;
- Adjustable character font and style, easy to print more information on narrower bags;

EF102-TB can realize Large-Font Printing.

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°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±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" (95×55mm) 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°C;
- High-speed increase of temperature: only 40 seconds required from ambient temperature to 180°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±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±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.

EF101-CR

Sealing Printing Machine (Touch Screen)



EF101-CR

Technical Parameters

- ▶ Sealing Speed: 10±0.5m/min
- ▶ Sealing Width: 12mm
- ▶ Sealing Margin: 0~35mm adjustable
- ▶ Power: 500W
- ▶ Weight: 15kg
- ▶ Dimensions: 566×235×190mm
- ▶ AC Power: According to customer requirements

Main Features

- ▶ 7" colored capacitive LCD touch screen, graphical operation interface, in-built clock, random setup of parameters and Large-font printing and automatic storage function;
- ▶ Have printing parameter database and the sealing parameters can also be recorded through a wireless router to store the information for future reference and follow-up;
- ▶ Have in-built forward (backward) counter to accurately count sealing quantity;
- ▶ The machine will stop working automatically if the sealing temperature exceeds ±4°C, this can guarantee the sealing quality and safe operation;
- ▶ Temperature controlled by a microcomputer, accuracy ±1%, random setup of working temperature range 60~220°C;
- ▶ This model of sealer adapts unique design of structure, with a small size and light weight.

EF102-CR

Sealing Printing(2-line) Machine with Touch Screen



EF102-CR

Technical Data

- ▶ Sealing Speed: 10±0.5m/min
- ▶ Sealing Width: 12mm
- ▶ Sealing Margin: 0~35mm adjustable
- ▶ Work Temperature: 60-220 °C adjustable
- ▶ Temperature Control Precision: ≤±1%
- ▶ AC Power: According to customer requirements
- ▶ Power: 500W
- ▶ Max. Current: 3.2A
- ▶ Weight: 18kg
- ▶ Overall Dimensions: 620×235×190mm

Main Features

- ▶ 7" colored capacitive LCD touch screen, graphical operation interface, in-built clock, random setup of parameters and Large-font printing and automatic storage function;
- ▶ Double print head setting, double the printing information, self-contained sealing machine Chinese and English printing system, built-in two 24-pin printers, you can set printing items and adjust the printing content as needed. The user can decide the location of the printing parameters.
- ▶ Have in-built forward (backward) counter to accurately count sealing quantity;
- ▶ The machine will stop working automatically if the sealing temperature exceeds ±4%, this can guarantee the sealing quality and safe operation;
- ▶ The standby time and temperature are adjustable. Intelligent standby recovery system helps return to the working temperature quickly.

Industrial Sealer

Main Features

▶ The series of heat sealing equipment adopts pulse heating method, which can realize various functions such as bagging, vacuum suction, bag opening, filling, sealing, cooling or evacuation, inflation, etc. It adopts automatic microcomputer control, accurate temperature control and meets different thicknesses. Heat sealing of different materials is required. Thanks to its excellent heating process protection, the revolutionary heat sealing technology guarantees the repeatability and reliability of heat-sealed products, enabling effective sealing verification and fully meeting the requirements of GMP certification.

Note: We have detailed specification for this kinds of machines, please contact us for more information.



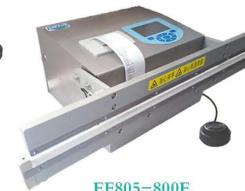
EF801
Rubber Stopper Heat Sealer



EF803-500E
Digital Display Heat Sealer



EF803-800E
Colored Display Heat Sealer



EF805-800E
Colored Display Heat Sealer with Printer

EF100-L

Automatic Sealer



EF100-L

Main Features

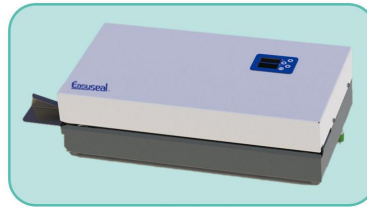
- Auto-control function, adopt highlighted digital tube display continuous operation; temperature accuracy of $\pm 1^{\circ}\text{C}$, working temperature randomly set up from 60-220 $^{\circ}\text{C}$; adopt dajustable fixed-force system;
- Advanced flat ceramic heating components, Fast heating, 40s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

EF100-E

Automatic Sealer



EF100-E

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

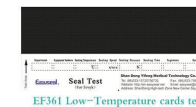
- Our Easuseal test cards(pouches) can be used to detect and record the performance parameters of the sealer when it operates They can clearly show the sealing result and quality of a sealer by outstanding the defects of the sealing edge, so sealing problems could be found out quickly and the sealing 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).



EF351 High-Temperature cards test

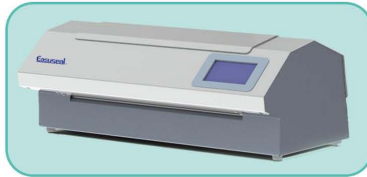


EF361 Low-Temperature cards test

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

EF215-A

Automatic Cutter



EF215-A



Operation System



Operation System

Main Features

EF215-A automatic cutters have 4.3" colored LCD touch screens with human interface, simple operation and reliable performance. The application of unique roll-cutting technique has effectively prolonged the service life of the blades. The cutters integrate automatic feeding with automatic cutting of the paper-plastic pouches with different widths and the parameters such as cutting length and quantity can be set up easily. They have become ideal upgrade of manual paper cutters due to their nice looking, simple and easy operation, time-and-labor saving, high efficiency and good performance. They can be widely used in the sterilization and supply centers of the hospitals and for various paper-plastic pouch packaging.

Technical Data

- ▶ Control System: 4.3" colored LCD touch screen
- ▶ Cutting Length: $\geq 50\text{mm}$
- ▶ Cutting Speed: $20 \pm 0.5\text{m/min}$
- ▶ Ambient Temperature: $10 \sim 40^\circ\text{C}$
- ▶ AC Power: According to customer requirements

No.	Model	Max Cutting Width	Max Current (A)	Fuse	Power (W)	Weight (KG)	Size (MM)
1	EF215-A	$\leq 400\text{mm}$	3.2	5AX2	100	25	590X290X200
2	EF215-B	$\leq 500\text{mm}$	3.2	5AX2	150	28	690X290X200
3	EF215-C	$\leq 600\text{mm}$	3.2	5AX2	200	31	790X290X200

EF115-A

Automatic Sealing Machine with Longitudinal Cutting



EF115-A

Main Features

- ▶ 7" colored capacitive LCD touch screen, android OS, graphical operation interface, in-built clock, random setup of parameters and automatic storage function;
- ▶ This device integrates automatic feeding, cutting and sealing, pouch will be out in front of the machine hence the volume will be small. User only needs to set the length and quantity and start the machine, remaining work will be done automatically;
- ▶ This device can be used as independent automatic cutter or sealer;
- ▶ The body is assembled by 304# SS. The cutting blade is made of high-strength tool steel. The cutting accuracy, straightness, and smoothness

Technical Parameters

- ▶ Control System: 4.3" colored LCD touch screen
- ▶ Cutting Length: $\geq 50\text{mm}$
- ▶ Cutting Speed: $20 \pm 0.5\text{m/min}$
- ▶ Ambient Temperature: $10 \sim 40^\circ\text{C}$
- ▶ AC Power: According to customer requirements

No.	Model	Product Name	Specification	Max Current (A)	Fuse	Power (W)	Weight (KG)	Dimension(MM)
1	EF115-A	Automatic Sealing Machine with Longitudinal Cutting	Max Cutting Width $\leq 400\text{mm}$	3.2	5A \times 2	550	30	600 \times 350 \times 320
2	EF115-B		Max Cutting Width $\leq 500\text{mm}$	3.2	5A \times 2	600	34	700 \times 350 \times 320
3	EF115-C		Max Cutting Width $\leq 600\text{mm}$	3.2	5A \times 2	650	38	800 \times 350 \times 320

EF006 EF007

Manual Seal Machine



EF006



EF007

Main Features

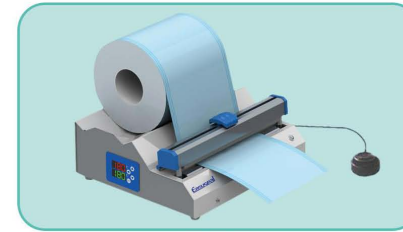
> Temperature controlled by microprocessor, displayed by digital tube, adjustable temperature, automatic protection for ultra-high temperature, low temperature automatic alarm, over-current protection and other leading designs, with advantages of fast heating speed, stable performance, beautiful appearance, 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.

EF601

Seal Strength Tester

Applied Area

This product is produced to test seal joint strength of combined pouches and coiled material, to detect whether it conforms to required seal joint strength before and after sterilization, to test seal strength of any sealing machine, and to save or print out test result through built-in micro computer or via connecting with computer (option) to meet the requirement of parameters tracing.

Main Features

- Micro computer control, 4.3" color display, light-touch button;
- Function of max value and average value test;
- Built-in micro printer, to output test parameters or to use optional computer output with USB connector;
- Gain national contention patent (Patent No.: ZL 2012 1 0026025.X)

Technical Parameters

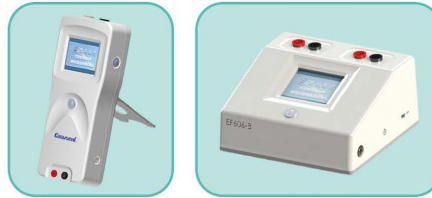
- Load: 0~20N
- Power: 50W
- Accuracy: 0.1N
- Sample width: 15mm
- Loading speed: 200mm/min
- AC Power supply: According to customer requirements



EF601

EF606

Insulation Detector



EF606-A

EF606-B

Introduction:

EF606 Series Electrosurgical Insulation Detector is a special detection instrument used in the field of hospital disinfection supply center, operating room, endoscope room and other departments for active and internal insulation or on-off detection of active medical devices.

Main Features

- Color 2.8" LCD touch screen, touch operation interface, built-in buzzer, equipped with a variety of matching accessories, can realize the detection of charged surgical instruments and medical power cords;
- High output voltage and small current: High voltage effectively ensures sensitive detection and fast position of damaged position. Minimal output current can effectively ensure the safe and reliable operation process;

Technical Parameters

- Output Voltage: 0~5KV(EF606-A), 0~10KV(EF606-B)
- Output Current: <0.1mA
- Battery: 3.7V/10000mAh(EF606-A)
3.7V/20000mAh(EF606-B)
- Accuracy: ±1%
- Work Time: 48h(EF606-A) 72h(EF606-B)
- Weight: 0.75kg(EF606-A) 1.2kg(EF606-B)
- AC Power: According to customer requirement

EF603 EF605

Ethylene Oxide Gas Monitor Hydrogen Peroxide Gas Monitor



EF603

EF605

Main Features

- EF603 can carry out real-time monitoring of ethylene oxide gas in the room and concentration alarm;
- EF605 can carry out real-time monitoring of Hydrogen Peroxide gas in the room and concentration alarm; Wall-mounted;
- Also we have EF608 which can carry out real-time formaldehyde monitoring in the room and concentration alarm.
- Extension: The control interface is reserved, and fans and other exhaust equipment can be added to achieve linkage between the monitoring gas and the exhaust equipment.

Technical Parameters

- According to customer requirements
- Accuracy: 0.1 ppm
- Range: 0-100 ppm
- Respond time: ≤90s (EF603)
- Sensor life: 24 months
- Respond time: ≤30s (EF605)
- Work Humidity: 15%~90% RH (no condensation)
- Work Temperature: -20°C~+50°C
- AC Power supply: According to customer requirements

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

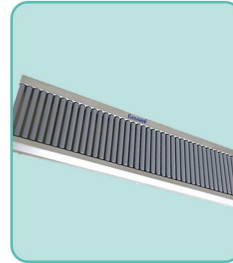


P.S: We provide customized Tyvek bags based on special needs.

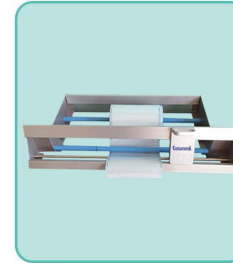
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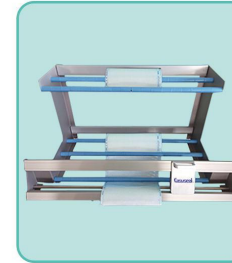
EF201 Ultra-quiet Roller
(745×286×52mm)



EF202 Ultra-quiet Roller
(1100×286×52mm)



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