

CATALOG 2018



ANQING KANGMINGNA PACKAGING CO.,LTD



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» KMNPACK, CHINA'S EARLIEST, LARGEST AND MOST PROFESSIONAL MEDICAL PACKAGING PROVIDER



Company Profile

ANQING KANGMINGNA PACKAGING CO.,LTD



Overview of KMNPack

Anqing Kangmingna Packaging Co., Ltd is one of the largest manufacturer and distributor of medical packaging supplies in China. Established in 2002, KMNPack has grown from a tiny manufacturer to one of the leading China's medical packaging manufacturers because of our dedicated people, entrepreneurial spirit and honest values. KMNPack strictly follows national and European production standards. We currently have 100,000 grade clean workshop and passed the certification of ISO9001, ISO11607, ISO, FDA, CE and QS systems. Now, KMNPack has than 100 employees with the manufacture capacity of 4,500,000 pieces pouches every day. We have 46 pouch/bag makers, and 9 matched printing facilities, including intaglio and flexible printing with 22 equipments for plastic film production, filming, coating and die cutting.

China's Market Leader

KMNPack leads China's medical packaging market in five medical product categories, including Sterile Barrier System, Medical Sealing Devices, Sterilize Control System, Industrial Products, Dental Products and Medical Consumable. Especially, KMNPack is the No. 1 provider of autoclave indicator tapes in China.

Since 2016, KMNPack expanded business scope to healthcare equipment area. Our brand offers several series of healthcare equipment such as medical trolleys, hospital beds, home care beds and wheelchair etc.

Focus on Customer

We help customers deliver quality health care by making the products they want, with the high quality and the value they demand. Also, we offer our customers with OEM services and custom solutions to help solve sterilization issues they face.

Innovation

R&D Center in KMNPack constantly search for advances in product application technology to develop new products, produce less waste and deliver what our customers need better, faster and with improved value. In the last four year alone, we have been granted more than 50 patents.

KMNPack Worldwide

A strong network of production and distribution facilities guarantees global presence in cooperation with our business partners. Today KMNPack branded products are served in more than 70 countries worldwide. Over 80% of produced goods are exported worldwide from China. More than 4.5 million KMNPack sterilization packaging products are used daily over the world.

Production Workshop



Quality Control System

KMNPack complies with internationally recognized quality system, and maintains strict quality control system for controlling all aspects of the manufacturing process, from raw material sourcing to production, testing, packaging, inventory and delivery.

Quality Certifications and Registrations

KMNPack complies with Global Standards for the medical packaging products : ISO 14971, ISO 11607, ISO 13485, ISO 9001, CE and FDA.

Quality Assurance Section



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Self-seal Sterilization Pouches - Paper/film

KMNPack self-seal sterilization pouches are pre-folded and assure quick and secure closing without a heat sealer. They are especially suited for use in small general practices, dental surgeries and by users who do not want to pay additional costs of sealing devices.

KMNPack self-sealing sterilization pouches are constructed from medical grade paper and transparent PET/PP multi-layer copolymer film and adhesive strip. Two water based, non-toxic process indicators for steam and ethylene oxide sterilization are imprinted on the paper surface which prevents the instrument from colored and help to differentiate between processed and unprocessed packages. Formaldehyde(FORM) indicator available upon request as well.

◆ Standards:

KMNPack self-seal sterilization pouches comply to FDA, EN868, ISO11607 and ISO11140-1 standards.

◆ Specification Sheet

KMNPack self-seal sterilization pouches:

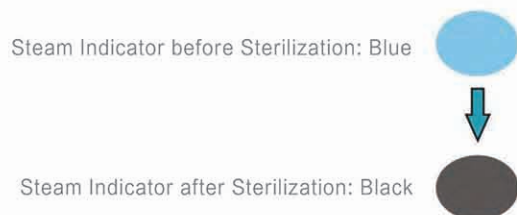
ITEM NO	SIZES	PACK(PCS/BOX)
KMNSF-057130	57mm*(100+30)mm	200
KMNSF-070260	70mm*(230+30)mm	200
KMNSF-090165	90mm*(135+30)mm	200
KMNSF-090260	90mm*(230+30)mm	200
KMNSF-135280	135mm*(250+30)mm	200
KMNSF-190360	190mm*(330+30)mm	200
KMNSF-200320	200mm*(290+30)mm	200
KMNSF-200360	200mm*(330+30)mm	200
KMNSF-230395	230mm*(365+30)mm	200
KMNSF-305430	305mm*(400+30)mm	200
KMNSF-400535	400mm*(505+30)mm	200
KMNSF-500630	500mm*(600+30)mm	200

◆ Brief advantages of KMNPack Self-seal Sterilization Pouches:

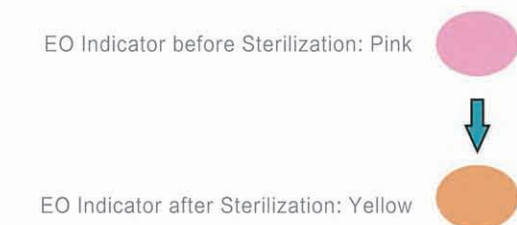
- Medical grade paper with technic 60gsm or 70gsm is an effective barrier against germs and bacteria,
- yet it permits the transmission of air, steam or sterilization gas;
- Reinforced film to avoid tear during opening;
- Peel-easy film permits film separate from paper with no shatters;
- Clean and accurate indicator color change;
- Tear, fibre-free opening and aseptic presentation;
- Triple band seal for higher package integrity which effectively avoiding crack;

◆ Sterilization Color Change

Turn to Black from Blue under steam sterilization:



Turn to Yellow from Pink under EO sterilization:



Heat-Sealing Sterilization Reels (Pouches) Flat and Gusseted - Paper/Film



KMNPack heat-sealing sterilization reels (pouches) are universal packaging solution for sterilization applications. They assure reliable and effective protection of the medical instruments against contamination with bacteria from the time of sterilization until use of the sterile medical instruments.

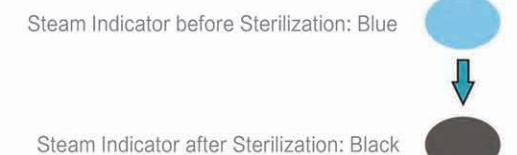
Flat and gussested type and wide range of standard sizes perfectly satisfy almost all the packaging demands of light and medium weight instruments and sets.

KMNPack heat-sealing sterilization reels (pouches) are constructed from medical grade paper and transparent PET/PP multi-layer copolymer film. Two water based, non-toxic process indicators for steam and ethylene oxide sterilization are imprinted on the paper surface which prevents the instrument from colored and help to differentiate between processed and unprocessed packages. Formaldehyde(FORM) indicator available upon request as well.

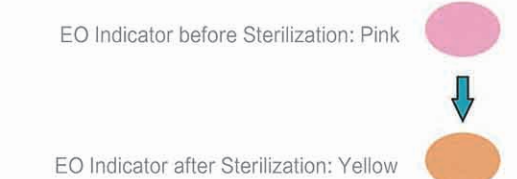
◆ Standards:

KMNPack heat-seal sterilization reels and pouches comply to FDA, EN868, ISO11607 and ISO11140-1 standards.

Turn to Black from Blue under steam sterilization:



Turn to Yellow from Pink under EO sterilization:



◆ Brief advantages of KMNPack Heat-seal Sterilization Reels and Pouches:

- Medical grade paper with technic 60gsm or 70gsm is an effective barrier against germs and bacteria,
- yet it permits the transmission of air, steam or sterilization gas;
- Reinforced film to avoid tear during opening;
- Peel-easy film permits film separate from paper with no shatters;
- Clean and accurate indicator color change;
- Tear, fibre-free opening and aseptic presentation;
- Triple band seal for higher package integrity which effectively avoiding crack;



◆ Specification Sheet

KMNPack heat-seal sterilization reels flat - paper/film

ITEM NO	SIZES	PACK(REELS/CTN)
KMNHR-050200	50mm(2")*200m	12
KMNHR-055200	55mm(2.2")*200m	12
KMNHR-075200	75mm(3")*200m	8
KMNHR-100200	100mm(4")*200m	6
KMNHR-150200	150mm(6")*200m	4
KMNHR-200200	200mm(8")*200m	2
KMNHR-250200	250mm(10")*200m	2
KMNHR-300200	300mm(12")*200m	2
KMNHR-350200	350mm(14")*200m	2
KMNHR-400200	400mm(16")*200m	2
KMNHR-450200	450mm(18")*200m	2
KMNHR-500200	500mm(20")*200m	2
KMNHR-600200	600mm(24")*200m	2



◆ Specification Sheet

KMNPack heat-seal sterilization reels gusseted - paper/film

ITEMS NO	SIZES	PACK(REEL/CTN)
KMNHG-075100	75mm(3")x100m	8
KMNHG-100100	100mm(4")x100m	6
KMNHG-150100	150mm(6")x100m	4
KMNHG-200100	200mm(8")x100m	2
KMNHG-250100	250mm(10")x100m	2
KMNHG-300100	300mm(12")x100m	2
KMNHG-350100	350mm(14")x100m	2
KMNHG-400100	400mm(16")x100m	2



◆ Specification Sheet

KMNPack Heat-Sealing Sterilization Pouches Flat - Paper/Film

ITEM NO	SIZES	PACK(PCS/CTN)
KMNHP-075200	75mm*200mm	9600
KMNHP-075300	75mm*300mm	6400
KMNHP-100200	100mm*200mm	6400
KMNHP-100300	100mm*300mm	4800
KMNHP-150300	150mm*300mm	3200
KMNHP-200400	200mm*400mm	1600
KMNHP-250450	250mm*450mm	1600
KMNHP-300500	300mm*500mm	1200

Sterilization Reels and Pouches Flat – Tyvek/film



Tyvek is a non-woven polyethylene fabric manufactured by DuPont. It is known for its outstanding strength, durability and tear resistance. As well as industrial use for EO and Gamma sterilization. Tyvek is not suitable for steam sterilization, however perfectly compatible with the requirements of VH2O2 (plasma) sterilization. It is also the first option for gas sterilization, for Tyvek hardly absorbs any toxic gases and thus result in far below legal limit values of residual toxic gas levels.

KMNPack Tyvek sterilization reels and pouches are made of uncoated Tyvek web and transparent multi-layer PET/PP copolymer film is decisively determined by the choice of materials. Two water based, non-toxic process indicators for hydrogen peroxide sterilization are imprinted on the Tyvek surface which prevents the instrument from colored and help to differentiate between processed and unprocessed packages. Formaldehyde(FORM) indicator available upon request as well.



◆ Brief advantages of KMNPack Tyvek Sterilization Reels and Pouches:

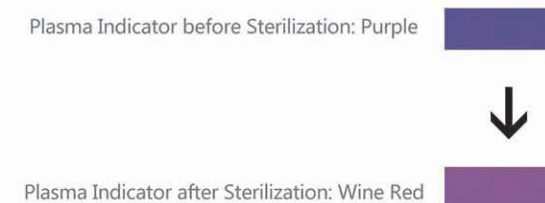
- Excellent microbial barrier properties against germs, bacteria and moisture;
- Extremely high resistance to penetration and fibre-free peeling;
- Easy peel and aseptic presentation;
- Easy seal with old sealing machines;
- Clear and accurate color change.

◆ Standards:

KMNPack tyvek sterilization reels and pouches comply to EN868, ISO11607 & ISO11140 standards.

◆ Sterilization Color Change

Turn to Wine Red from Purple under plasma sterilization:



◆ Specification Sheet

KMNPack sterilization reels flat - Tyvek/film

ITEM NO	SIZES	PACK(PCS/BOX)
KMNTR-050100	50mm(2")*100m	12
KMNTR-075100	75mm(3")*100m	8
KMNTR-100100	100mm(4")*100m	6
KMNTR-150100	150mm(6")*100m	4
KMNTR-200100	200mm(8")*100m	2
KMNTR-250100	250mm(10")*100m	2
KMNTR-300100	300mm(12")*100m	2
KMNTR-350100	350mm(14")*100m	2
KMNTR-400100	400mm(16")*100m	2
KMNTR500100	500mm(20")*100m	2

Wrapping Material Crepe Paper

KMNPack crepe wrapping paper is made of 100% medical quality cellulose fibres and combines most economic wrapping with good drapability. It is particular packaging solution for lighter instruments and sets and can be used as either inner or outer wrapping.

Crepe is suitable for steam sterilization, ethylene oxide sterilization, Gamma ray sterilization, irradiation sterilization or formaldehyde sterilization in low temperature and is reliable solution for preventing cross contamination with bacteria. Three colors of crepe offered by KMN are blue, green and white and different sizes are available upon request.



◆ Brief advantages of KMNPack crepe wrapping paper:

- 45g, 50g, 60g are available upon request.
- medical grade paper with no smell, no powder and non-toxic;
- Excellent water resistance and bursting strength;
- High bacterial filtration efficiency (BFE);
- Proven microbial barrier.



◆ Specification Sheet

KMNPack wrapping material crepe paper

ITEM NO	SIZES	PACK(PCS/CTN)
KMNCP-3030	30cm*30cm(11")	2000
KMNCP-4040	40cm*40cm(16")	1000
KMNCP-4545	45cm*45cm(18")	1000
KMNCP-5050	50cm*50cm(20")	1000
KMNCP-6060	60cm*60cm(24")	1000
KMNCP-7575	75cm*75cm(30")	500
KMNCP-9090	90cm*90cm(35")	250
KMNCP-100100	100cm*100cm(40")	250
KMNCP-120120	120cm*120cm(47")	200



Wrapping Material Non-woven – SMS/SMMS/SMMM Fabric

KMNPack SMS, SMMS and SMMM non-woven fabric are an extraordinarily water-proof and resilient non-woven material made of polypropylene fabric layers. They can be used either as inner or outer wrapping for medical devices and trays and available in 40g regular weight, 50g heavy duty and 60g multi-pac.

SMS, SMMS and SMMM wraps as single or double wrapped are suitable for steam, ethylene oxide, hydrogen peroxide plasma and irradiation sterilization methods. The memory-free feature before and after sterilization, ensures good aseptic presentation.

◆ Comparison of SMS, SMMS and SMMM Non-woven Fabric with 40g, 50g and 60g.

	Layers	Construction	Features	Weight	Features
SMS non-woven fabric	three	two layer spunbond; one layer meltblown nonwovens inside	waterproof, breathable, anti-bacterial, Low Shrinkage Rate	SMS/SMMS/SMMM MS 40g	Light duty applications
SMMS non-woven fabric	four	two layer spunbond; two layer meltblown nonwovens inside	waterproof, Good Air Permeability, better anti-bacteria, resistance to tears and punctures	SMS/SMMS/SMMM MS 50g	All kind of wrapping applications
SMMM non-woven fabric	five	two layer spunbond; three layer meltblown nonwovens inside	waterproof, higher barrier protection and high level of air permeability, strong resistance to tears and punctures	SMS/SMMS/SMMM MS 60g	Heavy duty applications

The spunbond layers (S) provide good filtration properties, tensile strength and are fluid repellent while the meltblown layers (M) ensure strong bacterial barrier properties with very small porous sizes.

◆ Specification Sheet

KMNPack Wrapping Material Non-woven

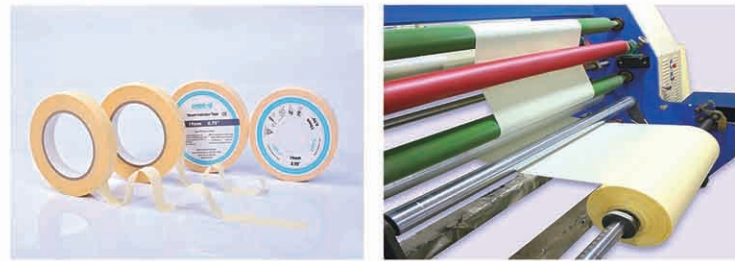
ITEM NO	SIZES	PACK(PCS/CTN)
KMNNF-3030	30cm*30cm(11")	2000
KMNNF-4040	40cm*40cm(16")	1000
KMNNF-4545	45cm*45cm(18")	1000
KMNNF-5050	50cm*50cm(20")	1000
KMNNF-6060	60cm*60cm(24")	1000
KMNNF-7575	75cm*75cm(30")	500
KMNNF-9090	90cm*90cm(35")	250
KMNNF-100100	100cm*100cm(40")	250
KMNNF-120120	120cm*120cm(47")	200



Chemical Indicator Tapes

KMNPack chemical indicator tapes are the ideal and safe solution for closing all wrapping materials. They are constructed from pressure semi-crepe paper which on one side is the adhesive glue and the other side is indicator strip are printed. The process indicator ink shows an easy and accurate color change and indicates if the pack has been processed.

The KMNPack chemical indicator tapes are designed for steam, E.O.Gas, Plasma and Formaldehyde sterilization processes and also provide a clean peel from the wrapping material. All chemical indicator tapes are available on OEM & ODM.



Steam Indicator Tape

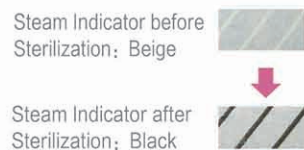


EO Indicator Tape

Plasma Indicator Tape

◆ Sterilization Color Change

- Steam Indicator Tape



- EO Indicator Tape



- Plasma Indicator tape



◆ Standards:

KMNPack chemical indicator tape comply to EN867 & ISO11140 standards.

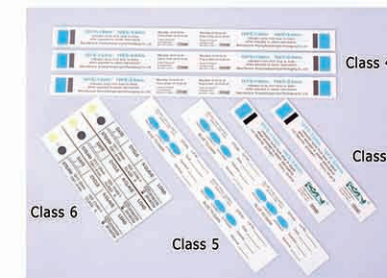
◆ Specification Sheet

KMNPack Chemical Indicator Tapes

DESCRIPTIO	ITEM NO	SIZE	PACK(PCS/CTN)	COLOR CHANGE
Steam Indicator Tape	KMNST-1250	12mm x 50m	76rolls/ctn	Turn to Black (processed) from Beige (unprocessed) under steam sterilization
	KMNST-1950	19mm x 50m	48rolls/ctn	
	KMNST-2550	25mm x 50m	36rolls/ctn	
EO Indicator Tape	KMNET-1250	12mm x 50m	76rolls/ctn	Turn to Green (processed) from Red (unprocessed) under EO Gas sterilization
	KMNET-1950	19mm x 50m	48rolls/ctn	
	KMNET-2550	25mm x 50m	36rolls/ctn	
Plasma Indicator Tape	KMNPT-1250	12mm x 50m	76rolls/ctn	Turn to Wine-red (processed) from Blue (unprocessed) under plasma sterilization
	KMNPT-1950	19mm x 50m	48rolls/ctn	
	KMNPT-2550	25mm x 50m	36rolls/ctn	

Chemical Indicator Strips

KMNPack chemical indicator strips are manufactured in absence of lead or other heavy metals. They are constructed from special card, standard color patch and indicator strip. The process indicator ink shows clear and accurate color change and indicates if the pack has been processed. The KMNPack chemical indicator strips are designed for steam, E.O.Gas and plasma sterilization processes. All chemical indicator strips are available on OEM & ODM.



Steam Indicator Strip



EO Indicator Strip



Plasma Indicator Strip

◆ Standards: KMNPack chemical indicator strips comply to EN867 & ISO11140 standards.

◆ Specification Sheet of KMNPack chemical indicator strips

DESCRIPTIO	ITEM NO	SIZE	PACK(PCS/BOX)	COLOR CHANGE
Steam Indicator Strip	KMNSC – class 4	15mm*100mm (4")	200pcs/box	Turn to Black from Blue
		15mm*200mm (8")		
	KMNSC – class 5	15mm*100mm (4")	200pcs/box	Turn to Dark Blue from Light Blue
EO Indicator Strip	KMNEC – class 4	15mm*100mm (4")	200pcs/box	Turn to Red from Blue under EO Gas sterilization
		15mm*200mm (8")		
Plasma Indicator Strip	KMNPS	15mm*100mm (4")	200pcs/box	Turn to Wine-red from Blue under plasma sterilization

Bowie-Dick Test Pack/Paper

KMNPack Bowie-Dick Pack/paper are pre-assembled, single use test packs designed to detection of defects in the sterilization process. An indicator sheet printed with water based, non-toxic chemical indicator. The color change from blue to black of indicator after steam sterilization indicates that all air was removed and replace by steam.



Bowie-Dick Test Pack



Bowie-Dick Test Paper

◆ Standards:

KMNPack Bowie-Dick Test Pack/paper comply with ISO11140-1,EN867-4 andISO11140-4.

◆ Specification Sheet

KMNPack Bowie-Dick Test Pack/Paper

DESCRIPTION	ITEM NO	SIZE
Bowie-Dick Test Packs/Paper	KMNBBD - 01	115mm*125mm
Bowie-Dick Test Paper	KMNBBD - 02	210mm*300mm

◆ Sterilization Color Change

Turn to Black from Blue under steam



Before Sterilization After Sterilization

◆ Brief advantages of KMNPack Bowie-Dick Test Pack/Paper:

- Easy-to-read test sheet with detailed instructions for use and interpretations of results
- Small size for easy handling and storage
- External process indicator for ready identification of processed test packs
- Totally reproducible and the test sheet will stay flat after the sterilization cycle



Medical Grid Lacquer Coated Paper

KMNPack Medical Lacquer Coated Paper can be classified as hydrosol and hot melt glue. It suitable for steam/autoclave, EO and Gamma sterilization methods.

Material: France Arjo Wiggins adhesive dialysis paper
Chinese Medical adhesive dialysis Paper

Scope of Application:

- Used in automatic online packaging with PE/PP Co-extrusion film for EO sterilization;
- Used in paper/film pouch production with PE/PP Co-extrusion film for EO sterilization;
- Used in heat sealing with PET/PETG/CPP blister pack for EO sterilization.

Feature:

- The paper can be perfectly pasted with PE Co-extrusion film and peel easily
- Good stability, economical, cost-effective, stable supply
- No poisonous chemical material (benzole, hydrocarbons products) remaining.
- Large amount of glue coating, good versatility, excellent adhesive strength and toughness, not easy to break
- Adopt resin extrusion method to coat the paper without using solvent

Standards:

KMNPack Medical Lacquer Coated Paper strictly comply with EN868-3 and EN868-6 standard.

Printed Original Paper

Material:

- French Arjo Paper
- Paper Made in China
- Coating Paper
- Self-adhesive Paper



Adaptation:

- Medical glove
- Infusion set
- Medical device
- Supplies and so on

Sterilization: EO, Gamma-ray, Steam



Blister Film

KMNPack offers multilayer, thermofomable barrier flexible film for packaging of various medical devices such as syringes, needles and feeding tubes. The film can be sealed to coated or uncoated medical grade paper.

Material: PP/PE Blister film, PA/PE Blister film.

Application:

- Usually for packing infusion sets, syringes.
- Blister PP/PE film for packaging and sterilizing of medical and surgical items.
- Suitable for most types of packaging machines. Sealable with coated or uncoated medical grade papers.

Performance:

To be with heat with medical grade paper with automatic machine.

Sterilization: EO, Gamma-ray, Steam

Brief advantages of KMNPack Stretching Blister Film:

- Superior forming characteristics and excellent dimensional stability
- Excellent seal strength and low thermal sealing temperature
- High transparency and good adhesive features
- Excellent moisture resistance
- Puncture resistance



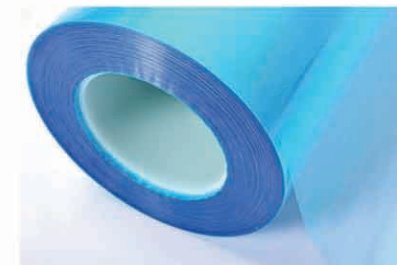
PVC blister film

Feature:

- Used pharma grade raw material
- High impact strength and high rigidity
- Aging resistance, excellent formability, chemical resistance, corrosion resistance, non-toxic, no smell

Sterilization:

Meet ISO9001, GMP standard and passed SGS testing



Medical Plastic Multi-layer Film

KMNPack offers three kinds of laminated film webs specially developed for sterile medical device packaging purpose.

Material: PET plus CPP, PET plus PE, PA plus PE

Color: transparent green, blue, purple

Sterilization: EO, Gamma-ray, Steam

Brief advantages of KMNPack Medical Multi-layer Film:

- Outstanding clarity
- Easy sealable and peelable with uncoated medical grade paper
- High machinability
- Excellent mechanical strength
- High puncture, tear, break resistance pre and post sterilization





Dental Bibs

KMNPack dental bibs are suited for use in hospital and dental clinics. It can be used to protect the patient's clothing from fluids and/or solid debris generated during a dental procedure.

Material:

- 2-ply of paper +1-ply of film
- 17g/sqm paper+13g/sqm PE

Colors:

pink, blue, green, purple, yellow, white, orange

Features:

- water-proof, high water absorbent and anti-leakage protects patient from fluids;
- increased durability - poly backed options provide strength for patient protection;
- choose from 7 colors to match virtually any office decor.

◆ **Standards:**

Sanitation and quality in accordance with ISO standards, CE certified.

◆ **Specification Sheet of Dental Bibs**

Article No	SIZES	Packing	
KMNDB-1318	13*18' (33cm*45cm)	125Pcs/Bag	500Pcs/Ctn

Saliva Ejector

KMNPack saliva elevator is used to elicit the saliva in the patient's oral cavity in hospital or dental clinic.

Material:

- transparent PVC tube,
- copper interior wiring with chrome plated

Body color:

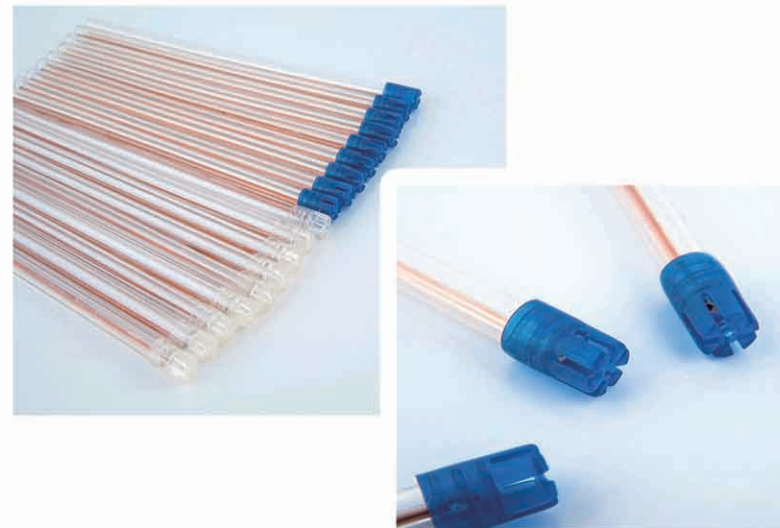
Green, red, blue, yellow, clear and optional as client's request

Sterilization:

It is sterilized by EO Gas and safety to use.

Features:

- the edge is neat, and the whole body is soft;
- easily bend and keep shape to desired position saliva ejector features a securely fastened;
- the smooth, soft and non-removable tip bonded to the tube minimizes the tiredness and offers maximum patient safety;
- comfortable, soft, optimal suction, shape-maintaining, high flow smooth bonded tip.



◆ **Specification Sheet of Saliva Ejector**

Article No	SIZES		Packing	
KMN-SE	Length: 150±2mm	Diameter: 6.8±0.5mm	100Pcs/Bag	20Bags/Ctn

Barrier Film

Material: PE

Size: 4"×6"×1200pcs (10.16cm*15.24cm*1200pcs)
Total length 180m, thickness: 0.05mm

Color: Blue and Clear

Features:

- Easy to remove, reduce cross infection from infectious spray
- Convenient dispensing with special design
- Applicable to almost any surface without leaving any residue

Packaging: 1roll/box, 12boxes/ctn, each roll contains 1200 sheets



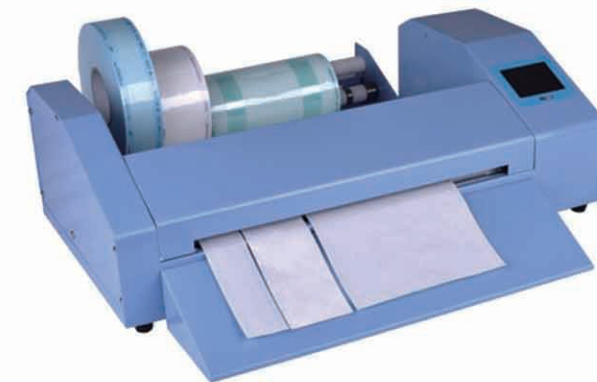
KMN100L Sealing Machine

- * Sealing speed 10m/min; Automatic controlled by sensor;
- * Power: 500W;
- * Seal width 12mm;
- * Voltage: 220V 50Hz (optional);
- * Seal strength meets YY/T 0698.5-2009 requirement;
- * Dimension: 482×242×157(mm);
- * Seal margin: 0~35mm (adjustable);
- * Weight: 15kg.



KMN385 Cutter Automatically

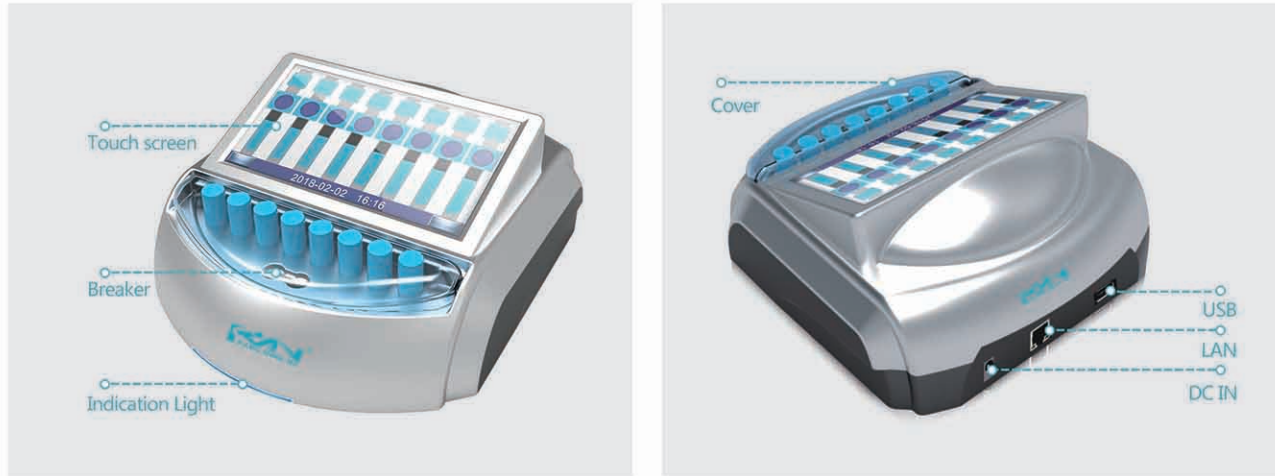
- * Enamel baked shell.
- * 3.4" Light touch LCD.
- * English or Chinese is available for selection.
- * Settings: Cut length ranges from 1-1000cm. Cut amount ranges from 1-9999 pcs.
- * Total effective cutting width: 40cm.
- * Cutting speed: 1pc./0.4sec., 9000pcs/hr. when width 5cm, cut length 10cm, 6 rolls together.
- * Warnings with sounds: Normal, Done, No Feeding and Jam.
- * Power: 220V/50Hz. 110V/60Hz as option. 150W.
- * Fuse: 10A.
- * Size: 665*355*215 mm (W*D*H).
- * Weight: 25 kg.
- * After setting the length and amount of pouch needed to be cut, the cutter can automatically finishes the work controlled by the micro-programmer.



MD400 Easy Sealer (permanent heated)

- * Housing: Baked enamel house.
- * Sealed Width: 8mm
- * Pouch Limit: 30cm
- * Sealed Effect: Seal one track only.
- * Structure Advantage: A cutter is installed.

KMN-AR400 Reader For 4 Types B.I.



KMN Rapid Reader adopts spectrum analysis technology to monitor the fluorescence changes of the Bacillus Stearothermophilus with special enzyme to rapidly judge whether there is surviving spores. The Reader is compatible with most popular rapid readout biological indicators in the market and can be used to validate the sterilization efficacy of sterilizers. The Rapid Reader is able to make judgments within 20~180 minutes to ensure implantation operations can be carried out in time, and in the meantime, a report can be printed for traceability.

◆ Features and Advantages

- * Smart Recognition
- * Smart Cloud Service
- * Smart Monitoring
- * Smart Checking
- * Smart Alarm
- * Smart User-Friendly Design

◆ Parameters

Model	KMN-AR400	KMN-AR100	KMN-AR300	KMN-AR200
For BI types	All types	KMNBIO101	KMNBIO301	KMNBIO102
Rated Power(W)	20	20	20	20
Power Supply	DC 12V 3A	DC 12V 3A	DC 12V 3A	DC 12V 3A
Ambient Temp.	5°C-40°C	5°C-40°C	5°C-40°C	5°C-40°C
Ambient RH	≤95%(noncondensing)	≤95%(noncondensing)	≤95%(noncondensing)	≤95%(noncondensing)
Ambient Pressure	Atmospheric Pressure	Atmospheric Pressure	Atmospheric Pressure	Atmospheric Pressure
Incubation Temp.	58±2(adjustable)	58±2°C(adjustable)	58±2°C(adjustable)	58±2°C(adjustable)
Judgment Time	4~20 min(Varied from spore)	15~60min(Varied from spore)	30~180min(Varied from spore)	4~20min(Varied from spore)
Incubation Slots	8	8	8	8
Screen	7" TFT touch screen	7" TFT touch screen	7" TFT touch screen	7" TFT touch screen
Net Weight(kg)	1	1	1	1
Exterior Dimension	246x214x100(mm)	246x214x100(mm)	246x214x100(mm)	246x214x100(mm)
USB	Y	Y	Y	Y
LAN	Y	Y	Y	Y
Input	~100V-240V 50/60Hz	~100V-240V 50/60Hz	~100V-240V 50/60Hz	~100V-240V 50/60Hz
Output	DC 12V 3A	DC 12V 3A	DC 12V 3A	DC 12V 3A

Rapid Readout Biological Indicators



◆ Features and Advantages



- * Provides results in 20 ~ 180 hours.
- * Applicable for 121°C gravity, 132~135°C vacuum steam and V_H2O₂ Sterilization cycles.
- * Self-contained biological indicators significantly reduce possibility of cross infection, minimizing false positives and assuring more precision results.
- * Fast result time to ensure quarantine every load and eliminate recalls.
- * It Helps reduce the costs associated with fighting infections both money and time wasted.

◆ Parameters

Model	KMNBIO201	KMNBIO101	KMNBIO301	KMNBIO102
Application	Vacuum&Gravity	Vacuum&Gravity	Vacuum&Gravity	Hydrogen peroxide vapor
Organism	G-stearothermophilus(ATCC7953)	G-stearothermophilus(ATCC7953)	G-stearothermophilus(ATCC7953)	G-stearothermophilus(ATCC7953)
Population(mean/strip)	≥1.0X10 ⁶ c.f.u.	≥1.0X10 ⁶ c.f.u.	≥1.0X10 ⁶ c.f.u.	≥1.0X10 ⁶ c.f.u.
D-value	≥1.5 min(121°C steam)	≥1.5 min(121°C steam)	≥1.5 min(121°C steam)	≥1s (50°C, 5mg/L V _H 2O ₂)
Incubation Time	4~20min(readout)	15~60min(readout)	30~180min(readout)	4~20min(readout)
Frequency of Use	Test 1 time every sterilization cycle	Test 1 time every sterilization cycle	Test 1 time every sterilization cycle	Test 1 time every sterilization cycle
Packing	50pcs/Box	50pcs/Box	50pcs/Box	50pcs/Box

◆Surgical Gown

Description:

The KMN surgical gowns are used widely in hospital and dental clinic. It can be used to protect the doctor' s clothing from fluids and blood. It will offer highest level of all-over protection.

Main Classification:

Material: 30-60g SMS non-woven fabric or as your request.

Gown size: S,M,L,XL or as your request.

Type: Reinforce and Non-Reinforce



◆Surgical Gown

Detailed Specification:

Gown Closure: Adjustable Hook and loop neckline

Sterilization: EO or Non

Color: Blue, Green, White

Sleeve: Set in or raglan sleeve

Cuff: Knit cuff and Elastic cuff

Technology:

1. Seam knit cuff

2. Ultrasonic on joint place



Knit Cuff



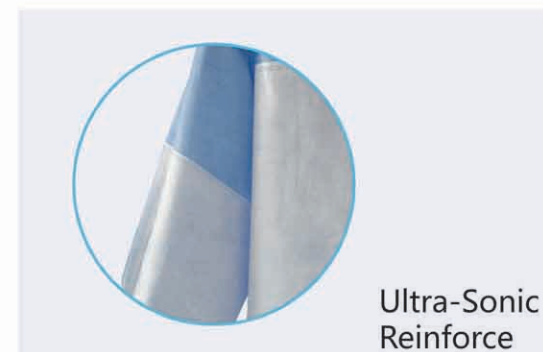
Waist Tie



Velcro And Tie



Holder Card



Ultra-Sonic Reinforce



Heat-Welded Ties

Disposable Scrub Suits

Description:

The KMN scrub suits are made of a kind of soft and breathable, yet protective fabric for light fluid contact. They provide a comfortable and effective alternative to the losses. One set include cloth and paint. Easy to take and put off.

Main Classification:

Material: SMS Non-woven fabric or as your request.

Size: S,M,L,XL or as your request.

Color; Blue, Dark Blue and Purp.

Cloth Style:

1. V-Neck or round-Neck for cloth with pocket.
2. Drawstring Waist or Elastic Waist for Paint.



SMS Fabric Lab Coat With Knit Cuff And Collar

Specifications:

Item No.	KSFLC-1001
Material	Fluid-resistant Multi-ply SMS Fabric Material
Color	Blue, White, Green
Size	Regular, Large, X-Large, XX-Large, or as Your Request
Style	Elastic or Knit Wrists; With/ Three/Two/One Pocket or Without Po
Application	Labs, Hospital

Description:

The SMS Lab Coat gown is made from fluid-resistant PP fabric material, which offer an optimal mix of protection and comfort. This material is strong, fluid-resistant and breathable.



Polyethylene Isolation Gown

Specifications:

Item No.	KPEIG-2001
Material	Fluid-repelling Polypropylene Material
Color	Blue, Yellow, Green
Size	Regular, Large, X-Large, XX-Large, or as Your Request
Style	Available with Classic Neck/Waist Ties and Elastic Wrists, or Over-the-head Style Neck with Thumb Loop Wrists
Application	General Medical, Labs, Patient Care, and Critical Care Units.

Description:

The Polyethylene Isolation Gown is made of lightweight, fluid resistant soft embossed polyethylene material. It can provide durable barrier protection from fluid, hazardous materials and infectious diseases.

Polyethylene Isolation Gown

Specifications:

Item No.	KPEIG-2001
Material	Fluid-repelling Polypropylene Material
Color	Blue, Yellow, Green
Size	Regular, Large, X-Large, XX-Large, or as Your Request
Style	Available with Classic Neck/Waist Ties and Elastic Wrists, or Over-the-head Style Neck with Thumb Loop Wrists
Application	General Medical, Labs, Patient Care, and Critical Care Units.

Description:

The polypropylene isolation gown is made from fluid-repelling polypropylene material, which offer comfort and breathability for less critical areas, such as with visitors and animal research.



Polyethylene-Coated Polypropylene Isolation Gown

Specifications:

Item No.	KPEIG-3001
Material	Polyethylene-coated Polypropylene material
Color	Blue, Yellow, Green
Size	Regular, Large, X-Large, XX-Large, or as Your Request
Style	Regular, Large, X-Large, XX-Large, or as Your Request
Application	General Medical, Labs, Patient Care, and Critical Care Units.

Description:

The polyethylene-coated polypropylene isolation gowns is made from polyethylene-coated polypropylene material, which offer excellent fluid protection for worry-free job performance.

Isolation Gown

Specifications:

Item No.	KSMSIG-4001
Material	Fluid-resistant Multi-ply SMS Fabric Material
Color	Blue, Yellow, Pink, Green
Size	Regular, Large, X-Large, XX-Large, or as Your Request
Style	Available with Classic Neck/Waist Ties and Elastic or Knit Wrists, or Over-the-head Style Neck with Thumb Loop Wrists
Application	General Medical, Labs, Patient Care, and Critical Care Units.

Description:

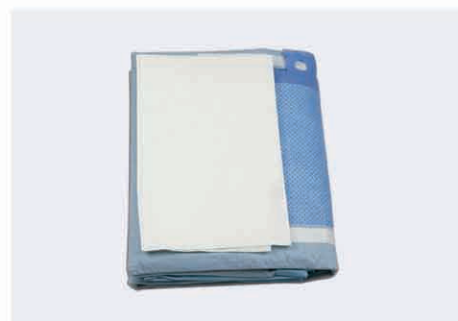
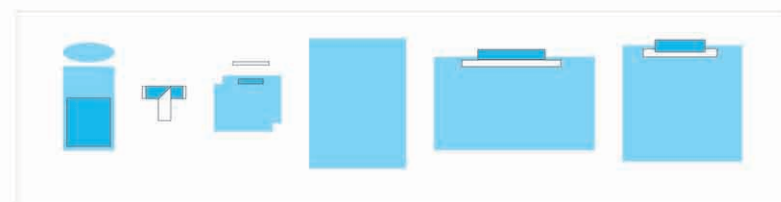
The SMS Isolation gown is made from fluid-resistant multi-ply SMS fabric material, which offer an optimal mix of protection and comfort. This material is strong, fluid-resistant and breathable.



◆ Disposable Surgical Set

Fitting Name	Size	Quantity	Material
Reinforced mayo stand cover	80cm*145cm	1	PE+SMS
Op-tape	9cm*50cm	1	SMS
Adhesive Drape	90cm*75cm	2	SMS
Surgical Drape	150cm*200cm	1	SMS
Adhesive Drape	150cm*240cm	1	SMS
Adhesive Drape	175cm*175cm	1	SMS

1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.



◆ Disposable Hernia Set

Fitting Name	Size	Quantity	Material
Back Table Drape	200cm*160cm	1	SMS
Under Buttocks Drape	120cm*100cm	1	SMS+Absorbent
Utility Drape	60cm*60cm	1	SMS+Absorbent Material
Hernia Drape	120cm*100cm	1	SMS+Absorbent Material+PE
Gauze Sponge	15cm*15cm	3	Cotton Yarn
Gauze Ball	0.5g	6	Cotton Yarn
Bed Spread	150cm*200cm	1	SMS

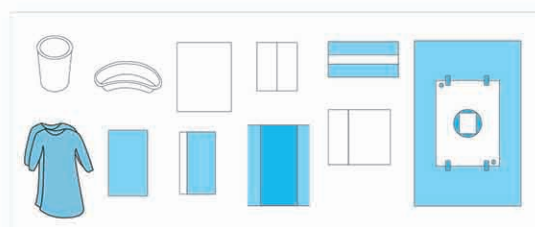
1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.



◆ Disposable Caesarean Set

Fitting Name	Size	Quantity	Material
Medium Drape	160cm*200cm	1	SMS
Utility Drape	60cm*80cm	1	SMS
Utility Drape	45cm*60cm	1	SMS
Surgical Gown	L	2	SPP+SMS
Baby Drape	60cm*90cm	1	SMS
Dressing Cup	100ml	1	PP
Gauze Pad	35cm*35cm-2p-xr	2	Cotton Yarn
Gauze Sponge	8cm*10cm-8p-xr	2	Cotton Yarn
Kidney Basin	Blue	1	PP
Surgical Drape with Pouch	260cm*332cm	1	SPP+SMS
Back Table Drape	150cm*230cm	1	PP+SMS

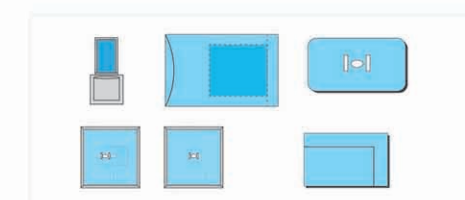
1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.



◆ Disposable Ophthalmology Set

Fitting Name	Size	Quantity	Material
Under Buttocks Drape	90cm*60cm	1	SMS
Head Drape	80cm*50cm	1	SMS
Small Fenestrated Drape	130cm*100cm	1	SMS
Fenestrated Drape	100cm*100cm	1	Absorbent Material
Back Table Drape	50cm*80cm	1	sms+pe
Reinforced mayo stand cover	140cm*75cm	1	sms+pe

1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.

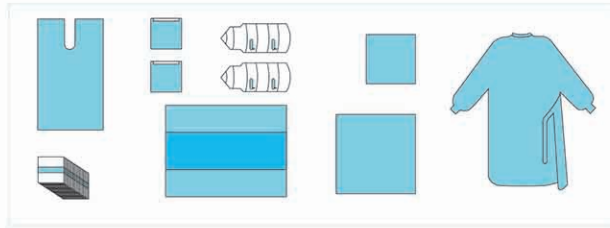


◆ Disposable Dental Set

Fitting Name	Size	Quantity	Material
Split Sheet Drape	65cm*110cm	1	SMS
Simply Drape	100cm*100cm	1	SMS
X-Ray Gauze	10cm*10cm	10	Cotton Yarn
Side Drape	15cm*15cm	2	SMS
Back Table Drape	100cm*100cm	1	SMS
Instrument Table Drape	150cm*200cm	1	SMS+PP
Reinforced Surgical Gown	L	2	SMS+SPP
Tube Cover	13cm*250cm	2	SMS+PP

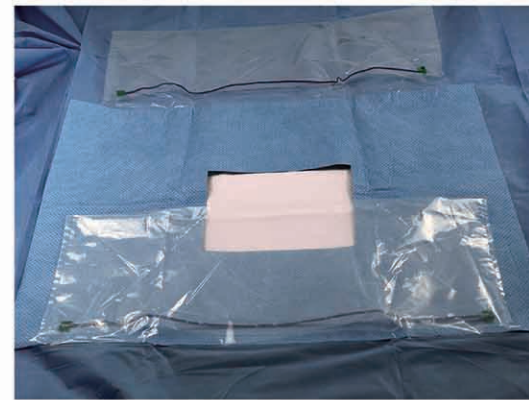


1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.



◆ Disposable Cardiac Valve Replacement Set

Fitting Name	Size	Quantity	Material
Surgical Gown	L	3	SMS+SPP
Back Table Drape	200cm*160cm	1	SMS+PP
Surgical Drape	150cm*200cm	4	SMS+Absorbent Material
Under Buttocks Drape	120cm*100cm	1	SMSI
Gazue Sponge	15cm*15cm	6	Catton Yarn
Instrument Mask	105cm*82cm	1	SMS+PP
Protecting Mask	Diameter15cm High 100cm	1	SMS+PP



1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.

◆ Disposable Appendicitis Set

Fitting Name	Size	Quantity	Material
Hands Towel Cap	38cm*42cm	1	SMS+Absorbent Material
Surgical Cap	M	2	SMS
Gazue Sponge	15cm*15cm	4	Cotton Yarn
Surgical Gown	L	2	SMS+SPP
Surgical Drape	120cm*100cm	1	SMS+Absorbent Material
Gazue Ball	0.5g	6	Cotton Yarn
Back Table Drape	90cm*100cm	1	SMS



1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.

◆ Disposable Thyroid Set

Fitting Name	Size	Quantity	Material
Surgical Gown	L	2	SMS+SPP
Utility Drape	60cm*60cm	7	SMS
Thyroid Drape	200cm*320cm	1	SMS+Absorbent Material
Reinforced mayo stand cover	140cm*75cm	1	PE+SMS
Medium Drape	120cm*100cm	2	SMS
Back Table Drape	200cm*160cm	1	PP+SMS
Gauze Ball	4.5cm*5.5cm	4	Cotton Yarn
Double Layer Drape	60cm*65cm	1	SMS



1. Scope of application: Used for one-time protection during the surgery conducted by the department of a medical therapy unit.
2. Supports customization according to the customer's drawings and requirements.

