

Business Service Leader

Duk-in Co., Ltd

www.dukin.com

Contents



Information & History of Duk-In

Products Information

Greeting

Duk-In, established in 1974 as a manufacturer of casts and splints used to treat external fixation in orthopedics, is working hard under the corporate ideologies of passion, creation, and challenge, to lead the business based on technological development and the steady quality improvements carried out in the last 40 years.

The excellent quality of Duk-In products has already been acknowledged in major countries where our products are exported to, such as the United States, Japan, Australia, Iran, Taiwan, Thailand, Kuwait, and Saudi Arabia, as well as famous university hospitals in Korea.

We promise to continue launching new products in diverse fields based on the know-how we have accumulated in the last 40 years and current technology. In addition, we are working hard to become a company trusted by people worldwide by building global partnerships.



Introduce

Company Introduce

Company Name Duk-in Co. Ltd

Established Date 5. 1. 1974

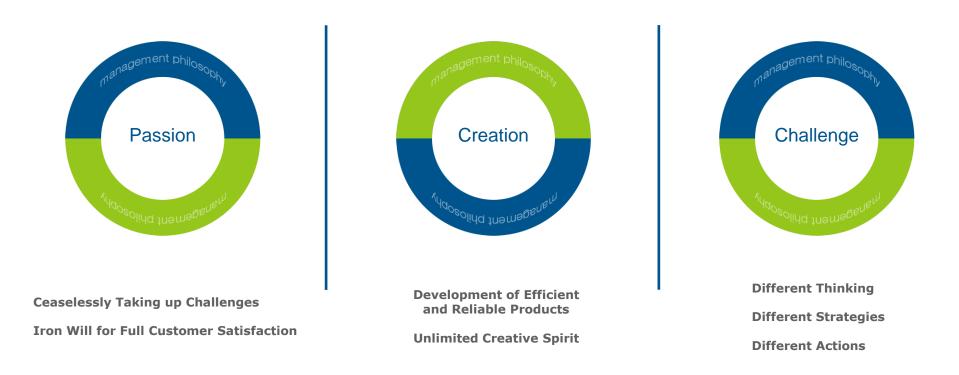
CEO Tony Ahn

Location Hwaseong-si, Gyeonggi-do, Korea

Homepage http://www.dukin.com/en

In order to grow into global brands, our company growing world-class medical company will be your trustworthy partner.

Creating the new value for human health



History



After 2000's

2018	Expanded export products of wound care			
2016	2016 Expanded sales products of surgical goods			
2015	Participate in Medical Fair in India 2015 Exhibition			
2013-Now Participate in Arab Health and MEDICA Exhibition (Every y				
2013 Selected as a promising small and medium company				
2013 R & D center Certified				
2011~Now Participated in KIMES in Korea (Every year)				
2011 Incorporation of going business				
2010 Launched IMOOVE, RAYLIFE				
2008 Established Duk-in medimax (Subsidiary)				
2007 Moved & expanded to Hwaseong, Korea				
2006	Started to develop and produce the N-Splint			
2004	Launched MEDIMAX co-branded business			
2003 Acquired the certificated of ISO 9001 as well as CE Mark				

Before 2000's

1998	Started to develop and produce the S-Splint				
1997 Started to develop and produce the synthetic cast					
1995	1995 Started to develop and produce the plaster splint				
1988 Started to play the Korean Sole agent of Johnson & Johnson medical, USA					
1986	The cast products began to export (Taiwan, Nigeria, Ecuador)				
1985 The factory moved to the Banwol industrial Co					
1978	The factory moved to Sorai				
1974	Established (Book Gok)				

Certification

U.S. Food and Drug Administration DUKIN CE 의료기기 제조 신고증 Declaration of Conformity 분 세포 84/847 =1 DUKIN Co., LTD. 第一类医疗器械备案凭证 영 월 (주)나(), 프루,546-16 L (16 'S' 2' 4 4bd (제공영,공무영,21일(5) (0.068 4 360a) 10 32) (4.4bd tablishment Registration & Device Listing 4.01 1 1 2 3 4 3 2 0 ler lead Dukin co.,Ltd.; Enablednese: DRA CO, UTI Mexani Holdika Jongie 14 Di Honourapopola Fil Sociali Manaro (20 Alexangla, 1076 -Babar Almy Dahar Magazatan Ranc 2016 Ower Operation Social Conference (24) Mexano (24) International Social 模糊相关注规要求,对你单位第一块医疗器械;用分子要定期用于 以各集,各集号,国城备20170406号。 It declarer that the above-mentioned product(a) meet wing EC Council Directives and harmonized standards, realists are retained under the premises of the BRASSARST 제조원 (수업 또는 제조공형 11년 자유 취업의 성우) (田田) 日期: 2017年05月05日 DIRECTIVES Official Correspondent Josop Chil Huanan Industral Complex J U4 Hinauroposte Pit, Sa Huanan (2), 184 41 NCHED, House, E2-2-10/2011 C DIRECTIVE: Medical Devices Directive MDD 93/42/EEC as anworked according to the House: 612-5172011 155 Agent: Aprilian What Consulting 2011 Reporter 30 Rooted Hughts, CA 19741 Rooted Hughts, CA 19741 Rooted Hughts, CA 19742 Root: 80 200522 Enalt / HourdSt-6[Qinosi con Place <u>Data Co. 170 in KOREA</u> Signature <u>C.A.2</u> Date: <u>369, 1.2011</u> Tony Alm. Peopler 「위로기기법」 제6트 및 같은 법 시행규제 제5트 제4함에 미라 위와 같이 신고를 수리한 1999 14 08 50 12 50 경인지방식품의약품안전청장 (있)_{전 생 각} **FDA** CE **KFDA** CFDA Certificate of Registration Certificate of Registration REALIZER Date of Dukin Co., Ltd Dukin Co., Ltd Seosin-myeon, Hwa Korea Seosin-myeon, Hwi Korea M 2019 Control Bernard Industrial Complex 1-8, Sergin Lauranies of the Rent. Descent City, Ryrengyth, Roren manderstring 150 13485 2012 150 14001:2004 tion and Servicing of Plaster Bandages, Casting Tapes and Bolints for Medical Use luction and Servicing of Plaster Bandages, Casting Tapes and Solists for Modical Use 9.02 15 1 1.0 4 11 2012 Your Mania Too <u>Arch900.000 EXE 4-05</u> Nex 4-0 Walater of Bellth, Labour and Welfure Sacialian Fahrey (23時間) 平成 25 年 7 月 25 日から full period From 2013 Year 54mh Der 平成 20 年 7月 24 月まで 平成 20 年 7月 24 月まで

Current Status of Certification

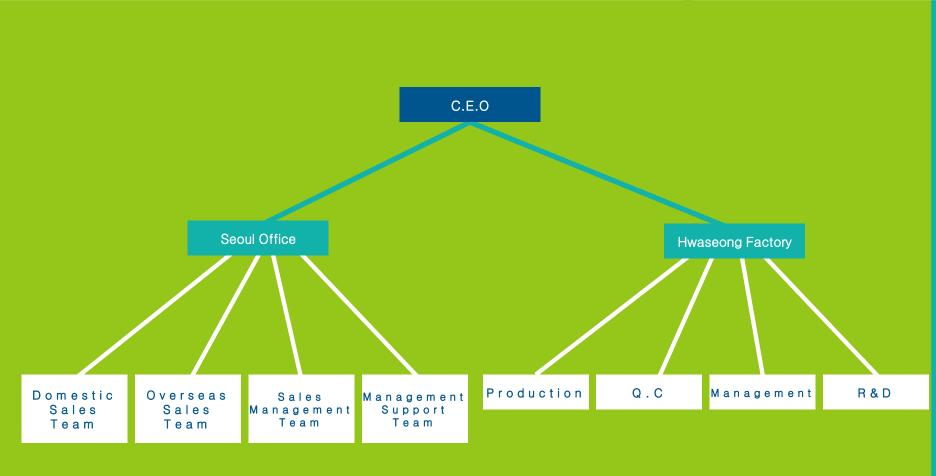
ISO13485

ISO14001

Japan Certificate

Organization

Organization Chart



Factory Status



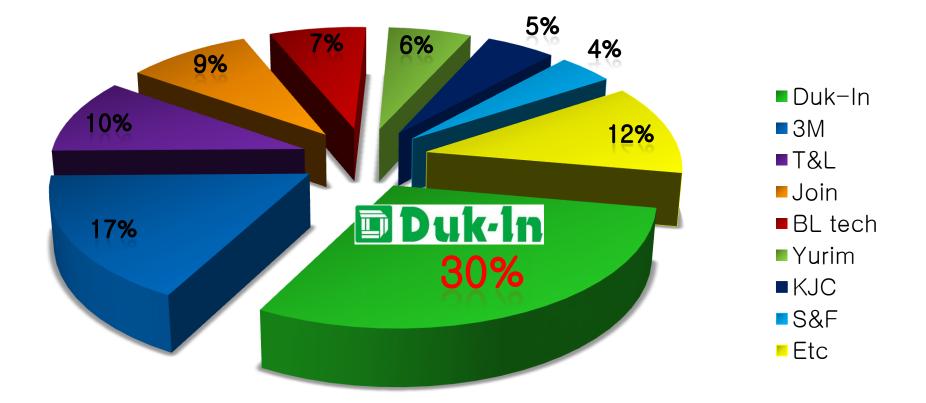
Factory

- Land : 3491 m²
- Building Area : 1218 m²
- Total Area : 2436 m²
- Products list & The annual production capacity
 - 1 Plaster: 80,000 dozens
 - 2 Duk-in Lite "s" & Duk-in Lite "Poly" : 740,000 EA
 - ③ S-splint & N-splint : 55,000 rolls
 - ④ P-splint: 5,500 rolls

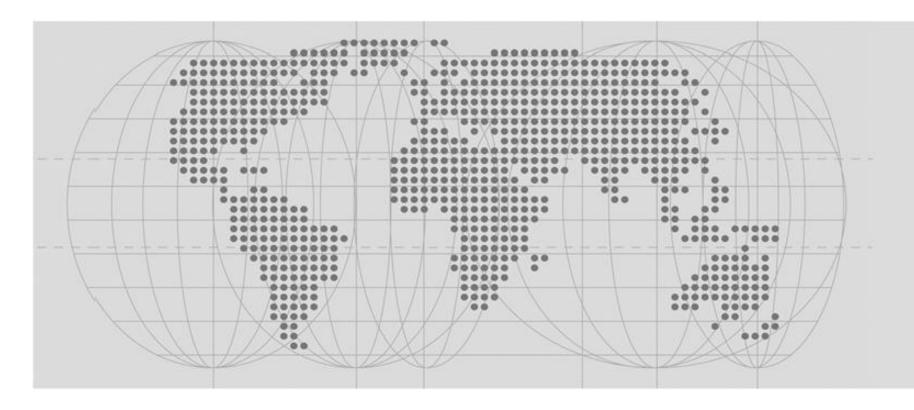




Market Share in Korea



Export Status



Export Status

- 1985 First export of Plaster bandage to Taiwan
- 1999 Export of synthetic cast to Taiwan, Egypt,
 - Israel, Syria and Iran
- 2008 Export of 50 million dollars as same products to about 10 countries.
- 2009 Started to export to Japan
- 2018 Overseas Partners of more than 20 countries

Major Exporting Countries of Overseas

USA	Japan	Iran	Australia	Egypt
Dominica	China	Saudi Arabia	Hungary	Tunisia
Equador	Taiwan	Kuwait	U.K	Morocco
Panama	Vietnam	Pakistan		South Africa
	Thailand	Bangladesh		
	India	Nepal		

Contents



Information & History of Duk-In

Products Information

Orthopedic Casting tape & Splint

ORTHOPEDIC CAST?

An orthopedic cast, body cast, plaster cast, or surgical cast, is a shell, frequently made from plaster, encasing a limb (or, in some cases, large portions of the body) to hold a broken bone (or bones) in place until healing is confirmed. It is similar in function to a splint.

Plaster bandages consist of a cotton bandage that has been combined with plaster of paris, which hardens after it has been made wet.

Nowadays bandages of synthetic materials are often used, often knitted fiberglass or polyester bandages impregnated with polyurethane, These are lighter and dry and harden much faster than plaster bandages.



Orthopedic Casting tape & Splint

What is the Casting Tape ?

Cast is external splintage to fix affected part's original shape in modern medical technology. Cast also means the materials for external splintage.

A roll and function of cast is to lead natural healing by immobilization of fractured part. This treatment has been applying from the past to present as basic and core method.

The material for external splintage was made by gypsum for the beginning. The rate of usage has been turned into glass fiber and other synthetic materials since the gypsum is heavy and easy to be broken.







Plaster bandage



• Uniform Quality

The fixed quality is always maintained. The smooth and soft feel and the high strength are maintained in case of formation.

• Efficient Usage

The quantity less than that of another company's product is needed to maintain the high strength so that the quantity of usage is saved.

Specialized Product

It is the only product of the casting material specialty company in the nation.





Glass Fiber



• Uniform Quality

Duk-in Lite "S" always maintains smooth and soft touch with high strength

• Economical

More strength with less plaster compared with products from other competitors.

• Specialty of Products

Proven quality achieved by a the sole manufacturer of orthopedic casting bandages that has kept the longest history of more than 32 years in Korea

Duk-In Lite "Poly"



Polyester





Various Colors

It has strength, solidity, and lightness comparable to fiberglass. It is stronger by 20 times and lighter by 5 times than the plaster bandage and lighter by 85% than fiberglass.

Good Elasticity

Duk-in Lite "Poly" is made with the ideal polyester structure so that it is extended horizontally, vertically, and diagonally. A curved part needs to be wrapped around well.

Incinerability

Duk-in Lite "Poly" can be incinerable after use so that is doesn't have to be buried into the ground.

Good Numerical Stability

Duk-in Lite "Poly" has little contraction so that another procedure is not done due to the squeezing problem after a procedure.

- Good X–Ray Penetration
- Convenient Procedure

Duk-In Lite "Soft"



Fiberglass



• Ductility and Elasticity of The Material

Since it is semi-rigid type, it retains ductility and elasticity after complete hardening.

• Excellence in Molding

With utilization of polyester materials, molding is easily done, and it is comfortably wearable after a procedure.

Convenience in Cutting

No need to use a cast cutter. It is easily removable by a special scissor.

Sufficient Ventilation

Since it has excellence in ventilation, it prevents itchiness, odor, skin diseases, and more.

Product Material Type & Characteristic

Synthetic Casting tape

Product Name (Material)	Strength	Cast Incision	Dust	Incineration	Elasticity	Formability	X-Ray Penetration
Lite 'S' (Fiberglass)	100	Very Smooth	A lot	Impossible	Good	95	Good
Lite 'Poly' (Polyester)	90	Smooth	A little	Possible	Very Good	100	Very Good

Orthopedic Casting tape & Splint

What is the Splint ?

Splint is temporarily using for 3 - 4 days to reduce the swelling prior to apply cast. In case of a sprain, it is applied for about 15 days until the completion of medical treatment.

In the past, splint was used by own making gypsum bandages. Nowadays the synthetic splint leads the mainstream since the strength of gypsum is weaker than synthetic splint.

There are 2 different type of splint; Roll type to cut as required and Precut type in separate package.







Plaster splint



• Fast Procedure

The first aid time is reduced as the splint is made with the plaster bandage.

Good Feel

It provides good feel when it contacts the skin by using the antibiotic deodorized special non-woven fiber on the outer surface.

• Minimized Dust

The phenomenon of the falling plaster powder is remarkably reduced compared to the product using sponge on the outer surface.

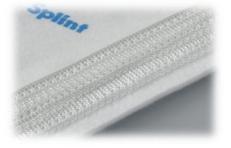
• High Strength

Water is absorbed fast. The initial strength is maintained firmly.

Duk-In S-Splint "Pre-cut"



Pre-cut type



Easy to Use

Various sizes are furnished. Select the size for immediate use.

• Antibiotic and Deodorizing Effects

It consists of the fiberglass with the curable polyurethane coated on the inner layer and of the antibiotic and deodorizing non-woven fiber on the outer layer.

• Immediate Movement

A patient can move 20 minutes after a procedure.

Easy Storage

It is packed separately by the length that can be used at a time so that the separate closed storage is not needed.

Duk-In N-Splint "Pre-cut"





Pre-cut type

• Easy to Use

Various sizes are furnished. Select the size for immediate use.

• Antibiotic and Deodorizing Effects

It consists of the non-woven fiber with the curable polyurethane coated on the inner layer and of the antibiotic and deodorizing non-woven fiber on the outer layer.

• Immediate Movement

A patient can move 20 minutes after a procedure.

• Easy Storage

It is packed separately by the length that can be used at a time so that the separate closed storage is not needed.



Duk-In W-Splint "Pre-cut"



Pre-cut type

• Use of Innovative Materials

Polyester thread treated with special processing is used as materials.

• Excellent Conformability

As expressing uneven areas in human body in a natural way, it does not pressure or stimulate the skin during treatment period.

Soft Cutting Side

Due to softness of the cutting plane, there is no need to fold for a procedure, and the cutting plane does not damage the skin even after hardening.

• High Strength and Light Weight

Since strength is increased, and weight is decreased compared to the previous material, there is no need for repeated procedure while undergoing treatment.

• Environmental-Friendly Material

Since it can be incinerated, concern for environmental contamination or disposal of medical wastes are diminished.



Duk-In S-Splint IRolli Roll type





• Economic Efficiency

Splint can be prepared in advance to be used promptly and easily, and Splint with the necessary length can be cut for use so that there is no waste.

• Antibiotic and Deodorizing Effects

It consists of the fiberglass with the curable polyurethane coated on the inner layer and of the antibiotic and deodorizing non-woven fiber on the outer layer.

• Immediate Movement

A patient can move 20 minutes after a procedure.

• Easy Storage

It can be easily closed and stored with the sealing clip. Natural hardening can be suppressed maximally.

Duk-In N-Splint [Roll]



Roll type

• Economic Efficiency

Splint can be prepared in advance to be used promptly and easily, and Splint with the necessary length can be cut for use so that there is no waste.

• Antibiotic and Deodorizing Effects

It consists of the non-woven fiber with the curable polyurethane coated on the inner layer and of the antibiotic and deodorizing non-woven fiber on the outer layer.

• Immediate Movement

A patient can move 20 minutes after a procedure.

• Easy Storage

It can be easily closed and stored with the sealing clip. Natural hardening can be suppressed maximally.



Duk-In W-Splint [Roll]



Roll type

• Use of Innovative Materials

Polyester thread treated with special processing is used as materials.

• Excellent Conformability

As expressing uneven areas in human body in a natural way, it does not pressure or stimulate the skin during treatment period.

Soft Cutting Side

Due to softness of the cutting plane, there is no need to fold for a procedure, and the cutting plane does not damage the skin even after hardening.

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Product Material Type & Characteristic

Synthetic Splint

Product Name (Material)	Strength	Incineration	X-Ray Penetration	Weight (4"x30")	Formability
S−Splint (Fiberglass)	100%	Impossible		335 g	
N−Splint (Non-woven Fabric)	75%	Possible		292 g	
New Product W–Splint (Polypropylene)	90%	Possible		313 g (12% decrease than S-Splint)	

Duk-In "Cast Shoe"



Leather Type

PVC Type

Duk-In "Hobble Free"



• Round-Shaped (Shoe) sole

The Hobble-Free Cast Shoe with the round-formed sole will ensure the pleasant walking and settle the inconvenience from the stiff ankle worn by the cast.

Speedy walking

- Optimum height and the degree of cast shoes provides the maximum comfort in walking.
- Hobble-Free Cast Shoe is well suited to the slipper, sneaker or shoe that users put on at the other side of the foot.

Comfortable walking

Hobble-Free Cast Shoe enables the comfortable walking at ascent, downhill road or stairs.

Duk-In "Cast Gutter"





- Oscillating Frequency : 11,400cpm
- Rotation Angle : 5.6°
- Dimension : Ø70 x L283mm
- Power: AC 220V, 50/60Hz, 0.25A
- AC 110V, 50/60Hz, 0.5A
- Net Weight : 1.86kg
- Saw Blade : Ø51.0mm, Ø63.5mm
- Dust Suction System (optional item) : Hood : 1ea, Hose : 1ea

Duk-In "Stockinette and Undercast Padding"





Stockinette

Undercast Padding (Cotton Bandage)

Accessory (Needle Lock II & III)

Needle Lock II & III : Smart Fixation Bands for I.V Catheter & Infusion tube



[Needle Lock II & III]

Use for fixing I.V catheter (Intravascular Needle for puncturing artery or vein) and Infusion tube

Compatible Infusion tube

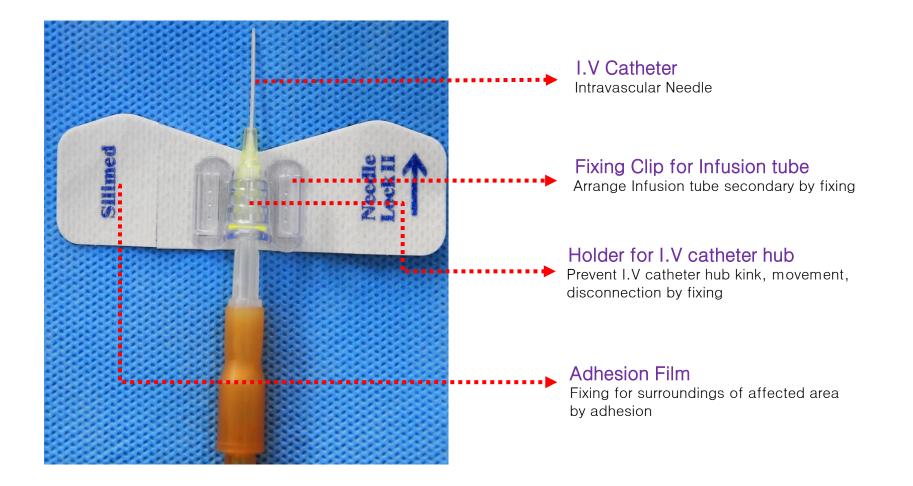
Needle Lock II : Regular / Drug Infusion Control regulator Infusion tube

Needle Lock III : 3way extension, luer locks infusion tube, etc

1 Class medical device, E.O GAS Sterilization

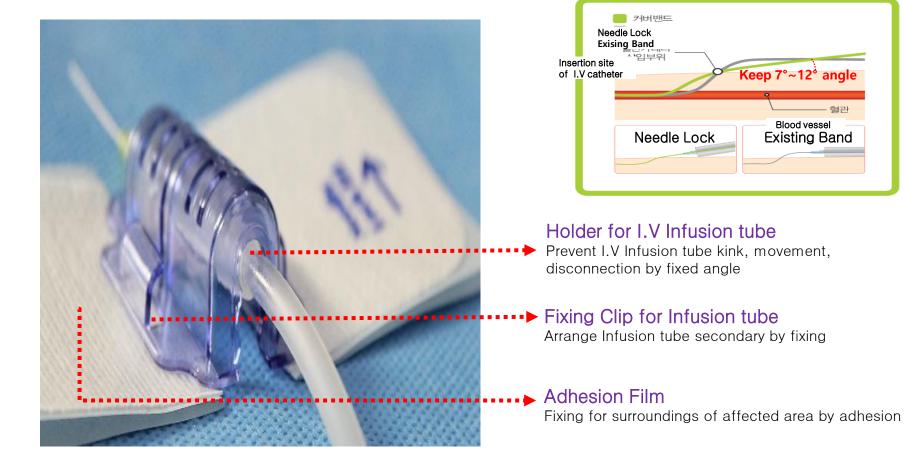
Accessory (Needle Lock II & III)

Needle Lock II : Smart Fixation Bands for I.V catheter and Infusion tube



Accessory (Needle Lock II & III)

Needle Lock III : Smart Fixation Bands for I.V catheter and Infusion tube



Accessory (Needle Lock H)

Needle Lock H: Smart Fixation Bands for I.V catheter and Heparin cap





[Heparin cap]

Using for fixing Heparin cap (Luer lock injection cap)

- 1 Class medical device, E.O GAS Sterilization
- Feature :
 - Prevent for frequent disconnection of Existing Heparin cap
 - Prevent for kink and blockage of I.V catheter

O.R Supplies (Foley Lock)

Foley Lock : Fixation Band for Urinary catheter (2WAY,3WAY)



Fixing part for Urinary Catheter Fixing by Urinary Catheter type, 360° Rotation

Adhesion Film Fixing for surroundings of affected area by adhesion

Features :

- Using by Urinary Catheter type (2way, 3way).
- Painless for the patient during movement due to 360° Rotation of fixing part.
- Easy and Convenient the securing and removal.
- Prevention Twist of Urinary Catheter

O.R Supplies (Foley Lock)

Foley Lock : Fixation Band for Urinary catheter (2WAY, 3WAY)



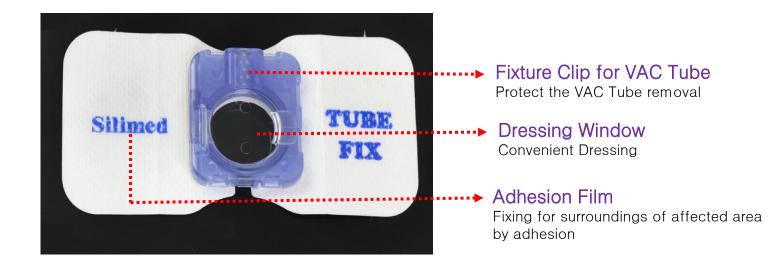


Using for fixing Urinary Catheter in the long term

- 1 Class medical device
- E.O GAS Sterilization

O.R Supplies (Tube Fix)

Tube Fix : Smart Fixation Bands for VAC Tube



Using for fixing VAC Tube without suture

- 1 Class medical device, E.O GAS Sterilization
- Size
 - 1. 100ml
 - 2. Normal (200 ~ 400ml)



O.R Supplies (Tube Fix)

Tube Fix : Smart Fixation Bands for VAC Tube





[Existing : Fixing by suture]

Features :

- Suture free securement for VAC tube
- Painless for the patient (both securing and removal)
- Convenient and decrease operating time
- Protects from accidental tube removal
- Accurate inspection of puncture site through dressing window (Bleeding, Tube kink, etc)

O.R Supplies (M-VAC)

M-VAC (PVC) : Wound Draining System



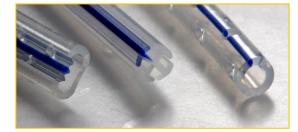
M-VAC is designed to drain secretion and blood plasma which has developed in affected area post operation with continuously produced low vacuum pressure.

- Material of Evacuator Container and Wound Tube are PVC. Capacities of (200ml and 400ml) depend on the size of the Wound Tube and type of Trocar.
- JP(Jackson Plate) Tubes are usually used for Orthopedic Surgery with M-VAC PVC Negative Pressure : 90mmHg(±5mmHg)

Feature

- Easy pressurizing by dual check valve.
- Clip for easy fixation
- Air vent for easy suction
- Wound Tube can be made to order as Silicone
- Wound Tube is Radiopaque

- Stable vacuum pressure
- Various Drain Tubes
- Easy to puncture by sharp needles



O.R Supplies (M-VAC)

M-VAC (Silicon): Wound Draining System



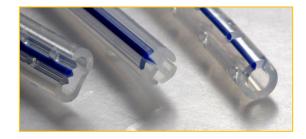
M-VAC is designed to drain secretion and blood plasma which has developed in affected area post operation with continuously produced low vacuum pressure.

- Material of Evacuator Container and Wound Tube are Silicone. Capacities of (100ml and 200ml) depend on the size of the Wound Tube and type of Trocar.
- Separately JP(Jackson Plate) and C(Cross Type) depend on the shape of the Wound Tube. They reduce discomfort to affected area both securing and removal.
- JP(Jackson Plate) Tubes are flat, can drain large amounts.
- JP(Jackson Plate) Tubes are usually used for General Surgery with M-VAC Silicone Negative Pressure : 120mmHg(±5mmHg)



- Easy pressurizing by dual check valve.
- Clip for easy fixation
- Air vent for easy suction
- Wound Tube can be made to order as Silicone
- Wound Tube is Radiopaque

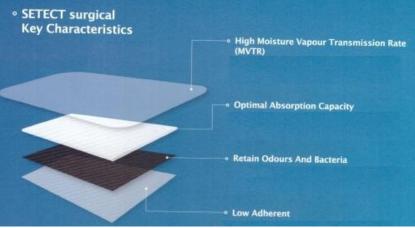
- Stable vacuum pressure
- Various Drain Tubes
- Easy to puncture by sharp needles



Wound Care

SETECT : Surgical Dressing





Indications : Wherever microbes impair or hinder wound healing.

- Chronic wounds (e.g. venous, arterial, diabetic or pressure ulcers)
- Postoperative dehisced wounds
- Traumatic wounds
- Wounds post-excision of fistulas and abscesses
- Dermal fungal infections

- High MVTR allows skin to breathe
- •Waterproof allows take a shower
- •Bacteria barrier prevents 2nd infection
- •Create a moist wound environment
- Transparency allows easy monitoring
- •Conform to any contours on body
- •Hypoallergenic adhesive
- •Latex free

Wound Care

SETECT : Absorbent Pad



Comfortable High Protection

Indications : Wherever microbes impair or hinder wound healing.

- Chronic wounds (e.g. venous, arterial, diabetic or pressure ulcers)
- Postoperative dehisced wounds
- Traumatic wounds
- Wounds post-excision of firstulas and abscesses
- Dermal fungal infections

- Treating heavily exuding wound
- Dressing change can be reduced
- Promotes the rest of the wound
- Fast and easy application to the wound

Wound Care

PDA : WOUND DRESSING GEL



PDA5(5g) PDA10(10g) PDA1(1g)

PDA is often the final step a comprehensive skin care protocol for the prevention of pressure ulcers including the process of cleansing, moisturizing and protecting the genital and rectal areas to prevent skin breakdown.

Purpose

- to protect vulnerable areas from the effects of mechanical or chemical injury
- the prevention of moisture-associated skin damage
- protecting skin from excessive moisture due to incontinence, perspiration or wound drainage.

Target Application:

- (1) Burn
- (2) Bedsore
- (3) Diabetic Ulcers
- (4) Skin Crack & Fissures

Continuous Passive Motion Devices

HEXAR-KR40P : Knee Continuous Passive Motion Devices



Purpose of use: To reconstruct muscles and recover the joint movement

- Portable Knee-CPM (Continuous Passive Motion)
- Decrease of soft tissue(muscle, ligament, and tendon) intensity
- Increase of joint movement range
- Various knee joint movements for muscle force increase
- Decrease of joint movement limit element creation
- Performance
- Ergonomic link is designed for using the anatomical features of the lower body.
- With a series of different postures by light weight and simple mechanisms, it provides the possibility of remedial exercise.
- Composition of subminiature high power drive head and development of controller.
- Structure design is of regulation length for human body application.
- Interface structure design for easy equip and unequip.

Facial Mask Sheet

The Mochi : Facial mask sheet



Red-Up Lifting Mask

- Gel mask full of essence providing bouncy and resistant elasticity
- Healthy solution containing natural strawberry ingredient
- Therapeutic effects by communicating the color red

Using

- To turn wrinkled and sagging skin into bouncy and full skin
- To restore elasticity to droopy skin with sagging pores
- To refresh your fatigued skin into healthy skin



Strawberry



Blue-Deep Moisture Mask

- Gel mask full of bouncy glutinous moisture essence
- Healthy solution containing natural blueberry ingredient
- Therapeutic effects by communicating the color blue

Using

- To rich hydration from deep within for dry skin all four seasons
- To prevent loses elasticity



Blueberry

Facial Mask Sheet

The Mochi : Facial mask sheet



Green-Deep Calming Mask

- Gel mask full of bouncy glutinous calming essence
- Healthy solution containing natural green tea ingredient
- Therapeutic effects by communicating the color green

Using

- To calm sensitive irritable skin
- To Prevent skin troubles on sensitive skin



Green Tea



White-Up Toning Mask

- · Gel mask full of bouncy glutinous brightening essence
- Healthy solution containing natural rice ingredient
- Therapeutic effects by communicating the color white

Using

- To Brighten and refresh dull complexion
- To Clean and smooth skin to improve uneven complexion
- To Improve freckled and discolored skin to clear skin



Rice

Production Machine

Duk-In Casting Tape Production Machine



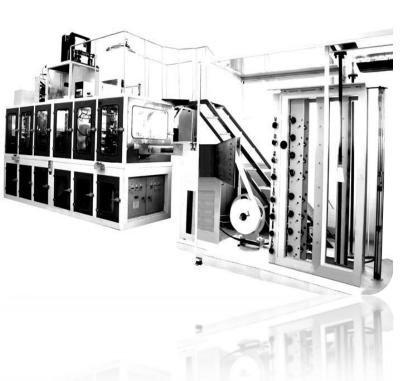


Max 2,000 rolls/day (10hours)
2.2m x 1.15m x 2.5m (Width x Length x Height)
Electricity: 200kw, Air Pressure: 40hp
Raw Material Storage : 180m²
Production Area (for 2 machine): 100 m ²
Products Storage: 150 m²
* Additional spaces for office, laboratory, etc. should be considered.
Casting Tape Production Machine
Agitator & Acrylic Chamber
Dehumidifying System (Main Machine, Chiller, Air Compressor)
Electric Oven, Band Sealer & Packer, Pan Scale, Electronic Scale
Mechanical-type Universal Testing Machine
3 Persons (Operator - 1, Packer - 1, Inspector -1)

Production Machine

Duk-In Splint Production Machine



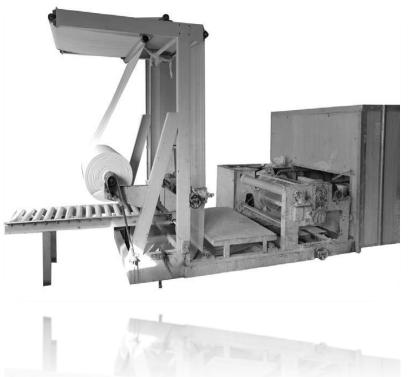


 Production Capacity 	Max 1,000m/day (10hours)
 Machine Dimension 	8.7m x 1.2m x 3.2m (Width x Length x Height)
 Utility Consumption 	Electricity: 200kw, Air Pressure: 40hp
 Required Site 	Raw Material Storage: 180 m²
	Production Area: 200 m ²
	Products Storage: 150 m ²
	* Additional spaces for office, laboratory, etc. should be considered.
•System Components	Splint Production Machine
	Agitator & Acrylic Chamber
	Dehumidifying System (Main Machine, Chiller, Air Compressor)
	Electric Oven, Band Sealer & Packer, Pan Scale, Electronic Scale
	Mechanical-type Universal Testing Machine
•Required Manpower	4 Persons (Operator - 1, Packer - 2, Inspector & Helper - 1)

Production Machine

Duk-In Plaster of Paris Bandages Production Machine





 Production Capacity 	Max 3,360 rolls/day (10hours)
 Machine Dimension 	15.5m x 2.1m x 3.0m (Width x Length x Height)
 Utility Consumption 	Electricity: 200kw, Air Pressure: 40hp
 Required Site 	Raw Material Storage : 200 m²
1	Production Area: 300 m ²
	Products Storage: 300 m ²
	* Additional spaces for office, laboratory, etc. should be considered.
•System Components	Plaster of Paris Bandages Production Machine
	Plaster of Paris Bandages Cutting Machine
	Boiler, Air Compressor, Vinyl Bonding Machine
	Pan Scale, Electronic Scale
	Mechanical-type Universal Testing Machine
	Dust Collector (Optional)
•Required Manpower	6 Persons (Operator - 1, Cutting - 1, Packer & Inspector - 4)





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Factory

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