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| 15   | MEDIANA CO.,LTD                               | Patient monitor  |  |  |  |  |
| 16   | Medical Standard Co., Ltd                     | PACS   |  |  |  |  |
| 17   | MEDIMAXKOREA ENGINEERING CO., LTD.            | Medical gas pipeline system  |  |  |  |  |
| 18   | MEINNTECH CO., LTD.                           | Cylinder pump & Cartridge set  |  |  |  |  |
| 19   | MEK-ICS CO.,LTD.                              | ICU ventilator   |  |  |  |  |
| 20   | NEXTBIOMEDICAL CO.,LTD.                       | GI stents, Endoscopic hemostasis   |  |  |  |  |
| 21   | PINE BM Co.,Ltd.                              | Needled PGLA Absorbable Suture   |  |  |  |  |
| 22   | Royal Medical Co.,Ltd.                        | Anesthesia machines  |  |  |  |  |
| 23   | Samsung Medison Co., Ltd.                     | Diagnostic ultrasound systems  |  |  |  |  |
| 24   | Sciencemedic Co., Ltd                         | Skin Closure, Disposalbe Powered Handpiece   |  |  |  |  |
| 25   | Sejong Biomed Co., Ltd.                       | Laport, Lapsingle, Lapbag  |  |  |  |  |
| 26   | SOLCO BIOMEDICAL CO., LTD.                    | Surgical Instruments   |  |  |  |  |
| 27   | SunMedix Co., Ltd.                            | Skin Stapler and staple remover, Laparoscopic devices  |  |  |  |  |

## at a glance

# 'Korean surgical devices showroom' at a glance

#### ■ Main concept

• Establishment of a Korean-style medical equipment integrated simulation exhibition in a virtual Korean hospital operating room to promote Korean medical devices and support corporate business meetings

## Operation schedule and place

 From January 28 to 31, 2019, Dubai International Convention and Exhibition Center Maktoum Hall, UAE

#### Location

• 'Korean surgical devices showroom' will be placed at the center of the Korean Pavilion (in Maktoum Hall) so that visitors can easily come to the exhibition.



## **Current State of the Medical Devices Industry**

### Recent Trends in the Worldwide Medical Device Industry

Recently, the national expenditure healthcare services has been growing steadily due to the aging population, development of healthcare technologies, higher interest in the quality of life, etc. The recent trends are actively driving the growth of the medical devices industry. The national health expenditure as % of GDP in Korea is expected to 7.4% of GDP by 2019. This suggests that the medical devices industry will become even more important. The world's medical device market is expected to grow from 378.5 billion dollars in 2016 to 467.7 billion dollars by 2019.

Total Medical Equipment Market (USD million)

| 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    | CAGR<br>('14-'19) |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| 276,263 | 304,285 | 311,648 | 323,755 | 340,286 | 357,057 | 378,532 | 405,386 | 434,782 | 467,765 | 6.6%              |

Source: World Medical Market Forecasts for 2019, BMI Espicom

### Recent Trends in the Worldwide Medical Device Industry

The size of the Korean medical devices market was \$ 5.8 billion in 2016, growing by 12% compared to the previous year and 9.6% annually on the average since 2011. The ratio of high value added products such as Digital X-Rays, Laser Surgery Equipment, Medical Imaging Systems and Software have been increasing recently.

The main feature of Korean medical devices industry in 2016 was [Continuous growth of medical device production], [High demand for high value added products] and [Increased trade deficit] due to the decline of export growth rate and the falling exchange rate.

#### Korea Medical Device Industry



Source: Report on Medical Device Production, Export, & Import Report, MFDS, Each Year

### **Export and Import Trend**

The export and import of medical devices grew by 9.3% and 8.9%, respectively, in 2014 compared to 2013; trade deficit was increased by 5.9% compared to 2013.

USA and China ranked 1st and 2nd in terms of importing Korean medical devices.

Top 10 Korea's Medical Devices Exporting Destinations, 2017 (Exporting to over 198 Nations)

| No | Country  | Amount(USD)   | Ratio(%) |
|----|----------|---------------|----------|
| 1  | USA      | 512,064,104   | 16.18    |
| 2  | China    | 508,582,840   | 16.07    |
| 3  | Germany  | 237,796,129   | 7.52     |
| 4  | Japan    | 197,919,365   | 6.25     |
| 5  | India    | 127,144,927   | 4.02     |
| 6  | Russia   | 124,064,099   | 3.92     |
| 7  | Vietnam  | 71,778,751    | 2.27     |
| 8  | Brazil   | 71,069,611    | 2.25     |
| 9  | ltaly    | 64,257,638    | 2.03     |
| 10 | Thailand | 62,221,960    | 1.97     |
|    | Total    | 1,976,899,424 | 62.48    |

Source: Report on Medical Device Production, Export, & Import Report, MFDS

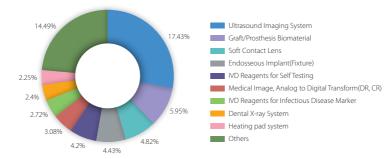
Ultrasound imaging system(USD 480 million), Graft/Prosthesis Biomaterial(160 million), Soft contact lens(130 million) are major export items.

Top 20 Export Items of Korea, 2017

| No | Item  | Amount(USD) | Ratio(%) |
|----|---|-------------|----------|
| 1  | Ultrasound Imaging System   | 488,038     | 17.43    |
| 2  | Graft/Prosthesis Biomaterial  | 166,480     | 5.95     |
| 3  | Soft Contact Lens   | 135,095     | 4.82     |
| 4  | Endosseous Implant(Fixture)   | 124,030     | 4.43     |
| 5  | IVD Reagents for Self Testing   | 117,585     | 4.2      |
| 6  | Medical Image, Analog to Digital Transform(DR, CR)                      | 86,350      | 3.08     |
| 7  | IVD Reagents for Infectious Disease Marker                              | 76,046      | 2.72     |
| 8  | Dental X-ray System   | 67,307      | 2.4      |
| 9  | Heating pad system  | 63,141      | 2.25     |
| 10 | Endosseous Implant(Superstructure)                                      | 55,331      | 1.98     |
| 11 | Diagnostic Probe  | 46,385      | 1.66     |
| 12 | IVD Reagents for Diagnosis of HIV, HBV, HCV, HTLV, Immunological method | 39,058      | 1.39     |
| 13 | Nd:YAG Sugical Laser  | 38,976      | 1.39     |
| 14 | Dental X-ray System(Panoramic)  | 36,754      | 1.31     |
| 15 | Diagnostic X-ray System   | 36,559      | 1.31     |
| 16 | Mobile Diagnostic X-ray System  | 35,519      | 1.27     |
| 17 | Body Fat/Lean Ratio Analyser  | 33,462      | 1.2      |
| 18 | Electrically-powered Breast Pump  | 28,736      | 1.03     |
| 19 | External Ultrasonic Probe   | 27,916      | 1        |
| 20 | Spinal Internal Fixation System   | 26,487      | 0.95     |
|    | Total   | 1,729,255   | 61.77    |

Source: Report on Medical Device Production, Export, & Import Report, MFDS

#### Export Items of Korea (Total Export Amount: USD 1,729,255)



[Source: Report on Medical Device Production, Export, & Import Report, MFDS]

## Competitiveness of Korean Medical Device Industry

## High Technological Level of the Korean Medical Devices Industry

Korean medical device companies mainly produce IT-based products such as ultrasound imaging systems, dental CT, and PACS (picture archiving and communication systems) and retain infinite potential with their high technology and production capacity.

The medical information systems of Korea including EMR (electronic medical record), PACS, etc., are gaining recognition internationally; their overseas exports are growing steadily, and export of products in package for the accompanying export of medical devices can be promoted. As a Korean PACS maker, INFINITT Healthcare Co., Ltd., is exporting its products to 1,100 healthcare institutions in 38 countries such as US, UK, Japan, Germany, etc.

#### Recent Trends

Large Korean companies selected medical devices as new promising business items, and they are joining the market. Samsung has entered the hi-tech imaging system market, SKT, the invitro diagnosis system market, and Hyundai, the robot surgery system market.

They have high potential of taking the lead in promising industries driven by the world's first large-scale U-Health pilot project\*, development and commercialization of the world's smallest SPR biochip analysis system\*\*, etc.

- \* Announcement of "U-Health New Industry Creation Strategy" of the Ministry of Knowledge and Economy joined by SKT and LG
- \*\* Ultra-small sample analysis biosensor using surface plasmon resonance for the diagnosis of diseases in the field

Diverse niche markets exist in the medical device market since the industry needs diverse types and small production volumes. Korean medical device companies have penetrated the markets, and over 300 Korean companies have over 5,000 products certified by the US FDA. As of 2014, Korean medical devices are being sold in 198 countries worldwide, and their export and production grew annually by 28.4% and 47.6%, respectively, between 2012 and 2016.

Most dental materials were imported from other advanced nations due to insufficient basic research; now, however they are being exported to other countries along with other key products such as stent, artificial joint, etc.

## Participating Companies (by category)

#### **OPERATING ROOM FACILITIES**

- Instrument Table & Cart: HANLIM MEDICAL EQUIPMENT CO., LTD.
- Medical Gas Supply Unit: MEDIMAXKOREA ENGINEERING CO., LTD.
- Operating Light: JW Holdings Corporation
- Surgical Table : JW Holdings Corporation

#### **DIAGNOSTICS & IMAGING EQUIPMENTS**

- 3D image System: 3D MediVision Inc.
- C-arm X-ray System: DK Medical Systems co.,ltd.
- PACS: Medical Standard Co., Ltd
- Radiation Shield Aprons & Goggles: CWORLD
- Ultrasound Imaging System: Samsung Medison Co., Ltd.

#### **SURGICAL EQUIPMENTS**

- Anesthesia Machine: Royal Medical Co.,Ltd.
- DVT prevention system : DS MAREF
- Electro Surgical Unit : DAIWHA CORP., LTD.
- Infusion Pump : DAIWHA CORP., LTD.

MEINNTECH CO., LTD.

- Laparoscopic Device : INCORE Co., Ltd.

LIVSMED

SunMedix Co., Ltd.

- Patient monitor : MEDIANA CO.,LTD
- Ventilator: MEK-ICS CO.,LTD.

#### Others

- Polyglactin Suture: PINE BM Co.,Ltd.
- Skin Closure & Stapler : Sciencemedic Co., Ltd

SunMedix Co., Ltd.

- Surgical Instrument & Handpiece : Sciencemedic Co., Ltd

SOLCO BIOMEDICAL CO., LTD.

- Stent: NEXTBIOMEDICAL CO., LTD.
- Trocar & Laparoscopic Specimen Retrieval Bag: Sejong Biomed Co., Ltd.

## 3D MediVision Inc.



#### www.3dmedivision.com & www.surgflix.com

COIII

Address: #1002 President Business Center, 16 Eulji-ro, Jung-gu, Seoul, Korea

Tel: +82-70-7122-4092 Fax: +82-2-3443-7548

E-mail: hmjee@3dmedivision.com

#### Company at a Glance

3D MediVision allows you to share and view locally or worldwide live surgical procedures or recorded surgery in 3D images. They can see the same exact view as if they were in the same operating room. We also provide a surgical content platform, and the platform is an online library of the surgical videos in 3D images. We create original content with renowned surgeons. It will provide an equal learning opportunity to every surgeon in the world and a solution for surgeon shortage crisis.

#### Technology and Product(s)





#### 1. M-FLIX

M-Flix is a medical-grade 3D camera for microscope surgery which is attachable to microscopes made by Zeiss and Leica. M-Flix produces the highest quality 1080p Full HD image with 2 channels for 3D production.

#### 2. G-FLIX

G-Flix is a medical-grade 3D camera for open general surgery which is attachable to holding arm or camera stand. G-Flix produces the highest quality 1080p Full HD image with 2 channels for 3D production.



#### 3. R-FLIX

R-Flix is a medical-grade 3D recorder which can capture, share and store 4-ch Full HD video and still images from medical cameras as well as our 3D camera system, G-Flix and M-Flix. R-Flix is also compatible with robotic operation equipment such as da Vinci series and other various imaging devices.





## **CWORLD**



#### www.choiworld.com

Address: 193-28, Neungan-ro, Jori-eup, Paju-si, Gyeonggi-do, Korea

#### Company at a Glance

Since 2001, **Cworld** has been manufacturing radiation shield products and developing Lead-free material sheetto offer a better quality in its products. Lead-free products are the most popular products among our customers who use them in operating room and nuclear industries.

Cworld has been participating in various medical exhibitions and has come to be known as one of the companies that offers high quality products. Cworld is an ISO 9001/ ISO 134888 compliant facility and FDA registered,

Our goal is to continue developing high quality products and to lead the global market in this field.

#### Technology and Product(s)



#### 1. Radiation Shield Aprons

Lead-free aprons are more flexibleand 20% more lighter than the traditional lead aprons in the same protection rate. Waterproof outer and inner fabrics. Inner net that prevents the apron from adhering to the body due to perspiration. Easy clean.

Different designs: Front Shield Apron (N-XR-1), Front Back Shield apron (N-XR-2), Vest & Skirt Shield Apron (N-XR-3), X-type Shield Apron (N-XR-4). Protection equivalence: 0.25mmpb, 0.35mmpb, 0.5mmpb. Colors: Blue, Dark Blue, Orange, Olive green, Pink.



#### 2. Zone Barrier (N-XR-g-8-L)

Zone Barrier protects the medical personnel from radiation during x-ray monitored surgery. Offering a maximum protection.

Height adjustable by a remote controller according to the user height.

Waterproof outer and easy clean.

Protection:

- Lower shield-0.5mmpb / Upper shield-0.5mmpb / Overlap: 1.0mmpb.
- Lower shield-1.0mmpb / Upper shield-1.0mmpb / Overlap: 2.0mmpb.



#### 3. Lead Acrylic Goggles (N-XR-E-1)

Lead Acrylic Goggles protects the eyes from scattered radiation.

Front and lateral sides protection with 0.12mmpb. It can be used over prescription glasses. Flip-up eyewearand light in weight (70g).

Colors available: red and black. Size: 16(L) \* 5.5(H) cm

## DAIWHA CORP., LTD.



#### www.daiwha.com

Address: Daiwha Bldg, 3, Yeoksam-ro 33 gil, Gangnam-gu, Seoul, South Korea

Tel: +82-2-558-1711 Fax: +82-2-554-0317 E-mail: overseas03@daiwha.com

#### Company at a Glance

Since it was established in 1979, DAIWHA Corp. was committed to import high standard medical equipments from several countries providing related technical service, currently manufacturing INFUSION PUMPS and ELECTROSURGICAL UNITS that reach more than 60 countries worldwide.

Thanks to a continuous investment in R&D, the ESU (MEDITOM) and infusion pump (MEDIFUSION) were the first devices of this type developed in Korea. Having as background the experience and expertise obtained with the years, promoting professional manpower and regular R&D investment DAIWHA aims to obtained the "100% customer satisfaction" goal, in order to achieve this, efforts are always made regarding quality management and service training.

Everyone in DAIWHA CORP. will always give its best to be able to provide best quality products to the customer with optimal service and to position DAIWHA in the top of the medical devices field

#### Technology and Product(s)



#### **Advanced Energy System**

#### \* Daiwha's Advanced Energy Devices:

- MEDISONIC® Ultrasonic Energy Device
- MEDISONIC® Ultrasonic + Bipolar Complex Energy Device
- MEDISONIC® Scissors
- MEDIPOLAR® Bipolar Vessel Sealing Device

### \* MEDITOM® DE-400 Electrosurgical Unit:

- 7 inch touch-screen.
- Daiwha patient Return electrode Monitoring.
- Auto Power Control and Auto-Stop.
- 130x330x415mm / 9.58Kg



#### \* MEDITOM® DUB-100 Ultra Surgical Unit:

- Multi-purpose laparoscopic energy generator.
- Two (Ultrasonic and Bipolar Energy Source generator.
- Auto Power Control and Auto-Stop.
- 147x330x417mm / 9.58Kg.



#### \* MEDIFUSION® DI-6000 Infusion Pump:

- Premium Advanced Technology Infusion System
- Secondary and Relay infusion Mode
- 139x207x90mm / 1.94Kg



#### \* MEDIFUSION® DS-5000 Syringe Pump:

- Full color LCD & Jog dial
- Central Monitoring System
- 153x215x90mm / 2.15Kg

## DK Medical Systems co., ltd.



#### www.dk.co.kr

Address: 52, Chupalsandan 1-gil, Paengseong-eup, Pyeongtaek-si, Gyeonggi-do, 451-805 Korea

Tel: +82-2-529-6190 (sales) / +82-31-658-7231 (Factory) Fax: +82-2-577-6194 (sales) / +82-31-658-7239 (Factory)

E-mail: global@dk.cok

#### Company at a Glance

DK Medical Systems, No.1 of Korean Digital & Analog X-ray, officially announced its name changed to DK Medical Systems to grow into one of the best global companies in the world. DK Medical System is a professional and leading manufacturer which is at the forefront of X-ray industry and has resolutely provided various medical X-ray systems since its foundation in 1992.

#### Technology and Product(s)

#### C-arm X-ray System / Model: PROSTAR

\* certified by: CE, GD (Certification of Good Design)

The PROSTAR is used for acquiring radiographic image from patients' anatomical parts to diagnose the level of disease. It can be used in operation room or diagnosis room, and it diagnoses the patients by using radiography and fluoroscopy mode. Its medical applications includes various range of radiography, fluoroscopy, and interventional procedure such as usage of orthopedic, rehabilitation department, anesthetic department, urologic, and spine imaging.

#### 1. Superiority and Efficiency in Mobile Operation

- Compact Design and Fully Counterbalanced Movement
- Wider SID with Free Space in ARC
- Two Control Panels
- 43' Landscape full HD LED Monitor (option)

#### 2. Excellent Image Quality with Digital Image Processing

- High Resolution Images
- Boost Pulse Fluoroscopy
- Full DICOM Connectivity

#### 3. Dose Reduction Technology

- Pulsed Fluoroscopy
- Intelligent Automatic Exposure Control(AEC)

| Orbital rotation      | 135° (-45° ~ +90°)      |
|-----------------------|-------------------------|
| Vertical movement     | 450mm                   |
| Horizontal movement   | 200mm                   |
| Pivot rotation        | ±225°                   |
| Panning movement      | ±12.5°                  |
| SID                   | 1000mm                  |
| Maximum output        | 2.2kW                   |
| Fluorosory kV range   | 40~110kV                |
| Radiography mAs range | 0.4 ~ 100mAs            |
| Range of image input  | 9 inch                  |
| Monitor size          | 19 inch, 43inch(option) |





# DS MAREF (DAESUNG MAREF CO., LTD.)



#### www.dsmaref.com

Address: 298-24, Gongdan-ro, 435-862 Gunpo-si, Gyeonggi-do, Korea, Republic

Tel: +82-708-740-6056 Fax: +82-31-459-7215 E-mail: middleeast@dsmaref.com

#### Company at a Glance

**DS MAREF (DAEUSNG MAREF CO., LTD.)** is the leading company of various professional pneumatic medical systems such as Tourniquet, DVT prevention system, Hand rehabilitation, Sports and home case devices since 1986. We are exporting our products around 80 countries by acquiring the certificates (FDA, CE, ISO, CFDA, ANVIZA, TGA, KGMP)

#### Technology and Product(s)



#### DVT prevention system (DVT-4000S) (Product 1)

DVT-4000S is designed to manage and monitor continually the status and progress of DVT as well as DVT prophylaxis.

- Simultaneous compression proven by the superior clinical results.
- Silent operational sound / -Durable sleeve ( spec in 2 months)
- Optional manual setting / Safety system visually & audibly
- Full touch button and display for easy checking  $\&\,setting$
- Automatic maintenance checking and adjustment by a touch button.
- Compressor weight: 2kg (body only)
- Compressor dimension: 200(W) X 165(D) X 190(H)mm



#### Pneumatic Tourniquet system (DTS-3000) (Product 2)

DTS-3000 is a smart tourniquet system having advanced functions like the automatic check of individual occlusion pressure (IOP), recording function, max pressure, 700mmHg. 7"TFT LCD touch key screen, visible alarm system with sound for safety, and a built-in battery.

- 2 Channels for two extremities (2 Ports for 2 double cuffs or single cuffs)
- Easy settings by Touch Key operation
- Graphic 7'TFT LCD screen: Easy checking and cleaning
- Operation recording (Date, cuff, pressure, battery, time, error)
- Automatic Individual LOP Setting by SPO2 sensor (Finger sensor)
- Self Diagnosis calibration
- Safety alarm system (cuff, pressure, battery, time)
- Built-in battery: At least 6hours
- Max pressure: 20~700mmHg (unit: 1, 5mmHg)
- Compressor weight: 3kg
- Compressor dimension: 180(W) X 200(D) X 260 (H)mm

# HANLIM MEDICAL EQUIPMENT CO., LTD.



#### www.han-lim.co.kr

Address: HANLIM-PLUS BLDG., 658-4, BOKJEONG-DONG, SUJEONG-GU, SEONGNAM-SI,

GYEONGGI-DO, KOREA.

#### Company at a Glance

Hanlim Medical Equipment Co. Ltd. is a leading Korean manufacturer, exporter and importer in the field of hospital furniture and equipment for more than 28 years. Our products have covered over 80% of domestic market.

Hanlim has manufactured various hospital equipments with expertise skills and know-how under the slogan of "We think our customers prior to making product". We are committed to strive and invest our best to create our customer's comfort and satisfaction with more and more new item development.

We promise our customers to approach with the best quality and service. Welcome to find further information about us on our Company Website www.han-lim.co.kr

#### Technology and Product(s)



#### 1. INSTRUMENT TABLE (HL-IT05-A / HL-IT05-B / HL-IT05-C)

The Instrument tables can be overlapped each other for advantage of space use.

All stainless steel 304 construction with non spills edge Four 4" ball bearing casters (Two with locking brake)

HL-IT05-A 1200x550x920mm HL-IT05-B 1100x550x880mm HL-IT05-C 1000x550x840mm

All stainless steel 304 construction with non spills edge Four 4" ball bearing casters (Two with locking brake)



#### 2. Anesthesia Cart (HL-AC0411-1)

Designed for using the anesthesia department Practical designed upper shelf consist of multi-bin containers for multi storing

- Ergonomic designed push-handle and efficient structure
- Pull-out sliding typed writing shelf makes efficiency of space application.
- Colors:Red, Yellow, Blue, Green
- Total locking key system

Each drawer has ABS baskets with well organizing dividers Calmed and good rolling 5"caster with locking brake

HL-AC0411-1 850x520x(1010+600)mm
Top plate Polypropylene & Stainless steel
Body Aluminum column & ABS plastic
Drawer ABS plastic & Aluminum
Basket ABS plastic
Sliding side table ABS plastic
Guard rail Aluminum
Multi bin container ABS plastic
Caster 5 inch

Needle disposal holder P.E & P.P Tray SUS 304 plate(size:140x90x46) Utility container ABS plastic

Dust box ABS plastic

## **INCORE Co., Ltd.**



#### www.incoremedi.com

Address : 5F 501,18, Solgubul-gil, Wachon-myeon, Gyeongsan-si, Gyeongsangbuk-do, Korea
Tel : +82-2-866-3514 Fax : +82-2-6919-1346 E-mail : supared32@gmail.com

#### Company at a Glance

We, INCORE Co., Ltd, is a medical device manufacturer, established in 2014

With the top notch technologies, we are manufacturing single-use medical devices such as endoscopic instruments, including biopsy forceps, endotherapy snares, injection needles and chitosan-based hemostatic dressings.

We are always striving to ensure customers' demand since we are clearly perceiving that high quality and reasonable price are highly required condition to satisfy them

Linder the mission of "Gustomer Satisfaction" we will always do our best to meet customers'

Under the mission of "Customer Satisfaction", we will always do our best to meet customers' needs and fabricate high product quality through stringent management over the associates and sophisticating system.

#### Technology and Product(s)





#### 1.CORE-CLIP(Endoscopic hemostasis clips)

- <Features>
- Rapid Hemostatic Effect By Grasping Opening site
- High Clipping Pressure
- Re-openable
- Rotatable Clip head





#### 2.CORE-KNIFE(Knife for ESD)

- <Features>
- Various Types (A/I/Q/L Types)
- Controllable Incision Depth
- Incision with less bleeding
- Ceramic tips
- Used For ESD(Endoscopic Submucosal Dissection)





#### 3.CORE-FORCEP(Disposable Biopsy Forceps)

- <Features>
- Various open length (5.0/6.0/7.0mm)
- Sharpness (0.05mm)
- Bite Force (up to 450)
- Swing Forceps head.





#### 4.CORE-SNARE(Endoscopic motor-operated medical snare)

- <Features>
- 2 Shapes Oval / Crescent
- Hardness Flexible / Medium / Stiff
- Rotating Snares
- Rigidity to deformation
- Motional Stability





#### 5.CORE-INJECTOR(Disposable endoscopic injection needle)

- Injection needle machined by back-cut method
- Back-flow Prevention
- Constant needle length 4mm
- No jamming





#### 6.HEMOBLOCK(Hemostatic dressing)

- Easy & Safe use
- Chitosan-based dressing
- Helps Rapid Hemostatic effect
- Absorbs up to 14x of its weight
- 2 Types available Gauze / Tampon

## **JW Holdings Corporation**



#### www.jw-holdings.co.kr

Address: JW Tower, 2477 Nambusunhwan-ro, Seocho-gu, Seoul, Korea ZIP 06725

Tel: +82-2-840-6726 Fax: +82-2-841-1213 E-mail: clara@jw-holdings.co.kr

#### Company at a Glance

We, JW Holdings, are moving forward toward global healthcare group. JW Holdings, as a holding company, we are concentrating all our efforts to ensure stable growth of business companies including JW Pharmaceutical, JW Shinyak, JW Life Science, JW Medical. JW Holdings, a business holding company, directly handles overseas business for raw materials, finished pharmaceuticals, medical device and etc. produced by subsidiaries. JW Holdings also generate profits from management services, subsidiaries'equity interest, brand royalties, service fees from subsidiary companies. Moreover, JW Holdings focus on establishing a vision so each business unit can gain competitiveness and create synergies that grow into a global healthcare group.

#### Technology and Product(s)



#### 1) Operating Light: Honeylux LED 160+120

- Dimension(mm): 1220(W) x 1220(L) x 1380(H)
- Weight: 105kg
- Description
- : Max illumination 160,000/120,000 Lux
- : 10 steps of dimming range
- : 4,300K of color temperature
- : > 94Ra of general color rendering







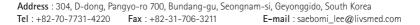
#### 2) Operating Table: JW-T7000

- Electro-hydraulic operating table
- Dimension(mm): 520(W) x 2040(L) x 1005(H)
- Weight: 290kg
- Description
- : Wired & Wireless remote control (Separate backup switch)
- : Loading capacity 270kg in all positions
- : Longitudinal shift 400mm
- : Minimum height of 600mm (Base height 150mm)
- : Auto locking system with 4 swivel caster

### **LIVSMED**



#### www.livsmed.com



#### Company at a Glance

LIVSMED is medical device manufacturing company in South Korea. LIVSMED was founded in 2011. We are steadily growing to change the paradigm of medical device industry by developing leading technology and innovative products. We have highly dedicated and professional team members and experienced R&D team working on developing innovative and competitive medical device in the market.

#### Technology and Product(s)



- ▶ Since the existing general laparoscopic instruments have no articulating structure, instruments cannot approach at certain angles of tissue or lesion. In other words, motions are very limited during operation and surgeons need more time to operate.
- ▶ It is newly developed multi-joint and articulating laparoscopic surgical instrument that can overcome the drawbacks of a straight-type device and allow intuitive manipulation. ArtiSential, the product, is a handheld laparoscopic surgical instrument with intuitive articulating function.
- ArtiSential's end-effector has an articulating structure that matches the delicate movemetns of user's hands allowing the user to access the narrow surgical sites. Its multi-degree of movements allows the users to perform more complex and wider procedures than just with the rigid instruments.
- ▶ ArtiSential can be used in existing surgical environment without any additional device, system or footprint. Advantages provided by ArtiSential can lead to the establishment of a new surgical procedure as well as additional capabilities and growth of laparoscopic surgery.

#### **Bipolar Fenestrated Forceps**

Length: 640mm
Width: 98mm
Height: 235mm
Diameter of Shaft : 8mm
Length of Shaft to End-tool: 410mm
Weight: 410g

#### Needle Holder

Length: 631mm Width: 98mm Height: 235mm Diameter of Shaft: 8mm

Length of Shaft to End-tool: 400mm

Weight: 410g

## **MEDIANA CO.,LTD**



#### www.mediana.co.kr

Address: 132, Donghwagongdan-ro, Munmak-eup, Wonju-si, Korea

Tel: +82-70-7092-9868 Fax: +82-2-542-7447 E-mail: gavin@mediana.co.kr

#### Company at a Glance

Mediana Co.,Ltd has been expanding into new Overseas markets and continuing in its efforts since 1993. Especially, we make ODM business with the famous company in the world and Mediana brand business for years in Medical equipment industry. Now, we get a lot of business suggestion from various companies & government.

We have AED/Defibrillator, Patient monitors, Fetal products as basic products. In addition, we are developing Various product line such as, PICC, Body composition and Endoscope/Microscope. Therefore, we hope to make Business opportunities with Distributors and grow up each other.

#### Technology and Product(s)



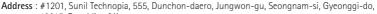
#### <Product: M50, 15inch Patient monitor with Touch Screen>

- Display: 15"TFT LCD Screen
- Dimensions: 354 x 325 x 177(mm) (Wx Hx D)
- Weight: 6.84kg excluding optional configurations
- ECG, NIBP, SpO2, Capnography, BIS, Multi-gas, IBP Option.
- •Trend data / Total 14,440 data.

## **Medical Standard Co., Ltd**



#### www.pacsplus.com



13215, Republic of Korea

Tel:+82-70-4350-5912 Fax:+82-2-2282-6690 E-mail:info@medicalstandard.com

#### Company at a Glance

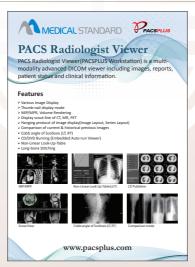
With firm trust and technology, Medical Standard is a professional company providing PACS and Tele-radiology solutions from South Korea. Founded by radiologists & medical doctors, Medical Standard has been focused on radiology solution since 2000. As a result of the founder members' research and medical experiences, Medical Standard now offers unbeatable solutions to radiology, cardiology, ophthalmology and many other medical departments and also clinics.

Medical Standard complies with the international standards, such as DICOM, HL7, and IHE. Plus, Medical Standard has achieved the FDA, ISO 9001, ISO 13485 and CE Certificate approval. Medical Standard also hold many patents related to the improvement of image quality, diagnosis, mammography, and more.

A strong R&D team is a great advantage over Medical Standard. With their efforts, Medical Standard has been able to develop new technologies and expand its product line-up. Mobile PACS for Android and iOS platform, web-based PACS and cloud-based PACS. When a new project is designed, the user friendly interface has been always considered.

For the above reasons, now many doctors trust the solutions of Medical Standard all over the world. As a company which makes a good business with trust, Medical Standard never stops working for you.

#### Technology and Product(s)



PACSPLUS is Medical Standard's brand name for Picture Arching & Communication System.

PACSPLUS can be used for small clinic to enterprised PACS though Departmental PACS:

Radiologist PACS/ Compact PACS/ Mammo PACS/ Cardiology PACS/ Ophthalmology PACS.

With flexible support, Web PACS/ Mobile PACS/ Cloud PACS/ Tele-radiology Service can be provided PACSPLUS is easily Integrated with OCS/RIS/HIS/3rd Party's post-processing program by HL7/ODBC.

# MEDIMAXKOREA ENGINEERING CO., LTD.



#### www.medimax.co.kr/en

Address: (Factory) 39-3, Juseok-ro 1016beon-gil, Bongdam-eup, Hwaseong-si, Gyeonggi-do, (18333), Korea (Seoul, Korea) (Seoul H/O) (Yeoksam-dong, Hwanghwa Building, 1108 Ho) 320, Gangnam-daero, Gangnam-gu, Seoul, (06252), Korea

Tel: (Factory) +82-31-227-4604, +82-31-297-4603/4604/4649

(Seoul H/0) +82-2-566-4601, +82-10-9151-4601

#### Company at a Glance

We, Medimaxkorea, are No.1of leading manufacturer in medical gas pipeline system including medical air compressor, medical vacuum pump, manifold, liquid oxygen storage tank system, pipeline components, bed head trunking system(= bed head unit = console), pendant, ceiling column, flowmeter with humidifier, wall suction unit, secondary and nurse call system with CE mark obtained and ISO 13485:2012 approved. Also our all medical gas equipments are complied with NFPA-99 (USA Standard) and HTM2022 (BS Standard).

#### Technology and Product(s)



1. Crown console unit: (L1200\*W280\*H120), 15kg, 01 set



2. Wall outlet: (L400\*W80\*H120), 8kg, 01 set



**3. Wall suction unit**: (L200\*W150\*H150), 1kg, 01 set



**4. O2 Flowmeter with Humidifier**: (L180\*W12\*H10), 0.5kg, 12 set

## **MEINNTECH CO., LTD.**



#### www.meinntech.com

Address: 5th Floor, A-dong, Digital Empire B/D, 387 Simin-daero, Dongan-qu, Anyang-si, Gyeonggi-do,

KOREA 14057

Tel:+82-31-381-7076 Fax: +82-31-381-7053

E-mail: meinntech@meinntech.com / overseas@meinntech.com

#### Company at a Glance

MEINNTECH has been in the medical device manufacturing field since 2001 and is a company specialized in developing and manufacturing the medical device and its disposables.

MEINNTECH developed Anyfusion® - Cylinder pump with our own technology that solved medical accident of free flow, accidental bolus, inadvertent bolus, siphoning phenomenon, etc. that lasted over 60 years with conventional pumps.

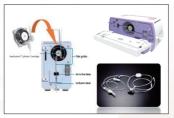
We also have developed one hand controllable IV flow controller called EZ REGULAR®, and this new product helped great degree in domestic medical market where they have depended on products from overseas and also this product became a global product as well.

#### Technology and Product(s)

#### Cylinder pump & Cartridge set (Anyfusion V-100, H-100)







Anyfusion V-100

Cartridge set

#### The Transition of Paradigm, All-In-One Infusion Pump, Anyfusion ®

**MEINNTECH** is the leader in innovative technology for medication delivery. **Anyfusion**® is the first-of-its-kind invented product combining syringe and infusion pump into one unit with Cylinder mechanism

#### Innovative Cylinder Pump Technology of Anyfusion® (Technology and Safety)

- Innovative Cylinder Cartridge adopted to the principle of rotational motion, instead of direct motion of Syringe
- Ensure the correct medications and fluids are delivered to the patient with high accuracy
- Flow rate accuracy deviation of within ±1% (0.1~999ml/hr) in real-time without Startup delay
- Solved free flow, inadvertent and accidental bolus, and siphoning phenomenon etc.
- No more divided injection and wasting drugs

#### Clinical Benefits (Effectiveness)

- Proper to deliver Cancer Immunotherapy, Cardiac Arrhythmia Therapy, Pediatrics Therapy and Desensitization Therapy (Precise Injection)
- Optimized for the patients cure of NICU, ICU with ideal injection of pure drugs

#### Improvement in Health Care System (Economic Effect)

- Less divided injection and minimize infection, contamination and side effect
- Solution for frequent replacement of IV set, syringe, and cartridge
- Save the cost of dilution and neutralization during infusion (ex. Steroid of Cancer Immunotherapy)
- Save medical expenses and the labor cost for medical practice
- Eco-Friendly All-In-One pump saving the disposal cost of medical waste

## **MEK-ICS CO.,LTD.**



#### www.mek-ics.com

Address: 21, Sangjiseok-gil, Paju-si, Gyeonggi-do, Korea

Tel: 70-7119-2521 Fax: 70-5052-5800 E-mail: sales@mek-ics.com

#### Company at a Glance

We, the MEKICS, is manufacturer of products to use in Intensive Care Unit patients, aim to focus on intensive care system to contribute to our society by presenting life-saving technology and product of patient monitoring technology to enhance quality of life.

Began by developing core technology for patient monitoring system, since then, we continued research and development efforts focusing on respiratory care technologies, released SU:M series ICU ventilators and transportable ventilators.

The product line-up has been expanded to home care CPAP(Continuous Positive Airway Pressure) unit for sleep apnea patient and HFV(High Frequency Ventilation) system of advanced technologies for neonatal to adult patients. Recently introduced OmniOx has gained a lot of attentions from the medical professionals for its leading multi-functional features of both high flow oxygen nasal cannula therapy and non-invasive ventilation.

For the last 20 years, MEKICS has focused mainly on technology development and clinical trials of product launching. As a result, we have grown to leading intensive care product provider. Also, we will be a leading worldwide manufacturer and provider of Intensive Respiratory Care System.

#### Technology and Product(s)



**MV2000 EVO 5** is ICU ventilator with useful and verity mode to care intensive lung disease patient. This system have basic to advanced ventilation mode and high frequency ventilation mode. MV2000 EVO 5 is good solution for verity clinical requirement in Intensive lung care.

- Easy operation with Large screen (15 inch Color TFT with touch)
- Leak Compensation with patient Synchrony
- Lung protective ventilation mode with AutoVent®
- Available from neonatal (HFV) to adult care
- Ventilator weaning is possible without disconnection from controlled ventilation to T-piece trail
- Reliability and Easy maintenance with Smart PC Viewer
- Dual Nebulizer system ( Micro-pump Nebulizer & Pnuematic Nebulizer )

| Display          | 15" Color TFT 1024*768, Touch Screen & Knob HDMI (External Monitor)   |                                      |  |  |  |
|------------------|---|--------------------------------------|--|--|--|
| Peripheral port  | USB ( Screen Capture ), Micro SD ( SW Upgrade )   |                                      |  |  |  |
| Ventilation Mode | PACV, PSIMV, VACV, VSIMV, Spont, Apnea Back-up ventilation, O <sub>2</sub> Stream®, PRVC,<br>Bi-Level, AwPRV, AutoVent®, TCPL-AC, TCPL-SIMV, PRVC-SIMV, CPR |                                      |  |  |  |
| Lung mechanics   | Ins Pause, Ex Pause , PV Tool   |                                      |  |  |  |
|                  | Ventilation Mode  | SHFV®, DHFV®                         |  |  |  |
|                  | Lung Mechanics Paux (Esophageal & Tracheal Pressure )   |                                      |  |  |  |
| Optional         | Accessory Proximal Sensor ( Pressure/Flow ), Nasal Cannula for O <sub>2</sub> Str   |                                      |  |  |  |
|                  | Vital Sign Functions  | SpO <sub>2</sub> , EtCO <sub>2</sub> |  |  |  |
|                  | Cart Mobile Cart for MV2000   |                                      |  |  |  |

## **NEXTBIOMEDICAL CO.,LTD.**



#### www.nextbiomedical.co.kr

Address: 805, D dong, BRC SmartValley, 30, Songdomirae-ro, Yeonsu-gu, Incheon, Korea, 21990 Tel:+82-32-837-4822 Fax: +82-32-837-4811 E-mail: bkseo@nextbiomedical.co.kr

#### Company at a Glance

NEXTBIOMEDICAL CO., LTD. is a medical device venture company located in Incheon, Korea. Our focus is developing the next generation medical devices with Drug Delivery System. We will put the innovative technology into action and make a difference in patient's lives. Our main products are GI stents and Endoscopic hemostasis with CE mark. In these days, our company is finding the distributors and clients from all around world.

#### Technology and Product(s)



#### 1. NEXENT (GI stents)

New gastrointestinal stents fabricated with dispersed "Hook & Cross" structure and functional multilayer coating technology.

| DDODLICT   | STE          | NT         | DELIVERY SYSTEM |            |  |
|------------|--------------|------------|-----------------|------------|--|
| PRODUCT    | Diameter(mm) | Length(mm) | Diameter(Fr)    | Length(mm) |  |
| Biliary    | 10           | 40~120     | 8               | 1800       |  |
| Esophageal | 20           | 80~170     | 18              | 700        |  |
| Duodenum   | 20           | 60~170     | 10.2            | 2300       |  |
| Colon      | 24           | 60~170     | 10.2            | 2300       |  |

#### 2. Nexpowder™ (Endoscopic hemostasis, powder type)



Nexpowder<sup>™</sup> designed for endoscopic hemostasis and ulcer protection after gastrointestinal bleeding or endoscopic procedures(ESD, EMR, etc.).

#### Component:

- Nexpowder™ (3g powder)
- Nexpowder™ Spraybody Nexpowder™ Catheter (2,300mm)

## PINE BM Co.,Ltd.



#### www.pinesutures.com

Address: 120-11, Techno 2-ro, Yuseong-gu, Daejeon 34029, Korea

#### Company at a Glance

PINE BM Co., Ltd is a manufacturer of needled absorbable sutures from Korea. We attained GMP(Good Manufacturing Practice) from KFDA.

We've obtained ISO 13485 Certification and our products have been awarded the CE mark. Quality has always been our main priority and our production is focused on your need. We make an effort to provide products for our customers safely and reliably.

Also we are continuously working to provide superior service and innovative value-added medical solutions.

#### Technology and Product(s)



#### GLSORB (Needled PGLA Absorbable Suture)- Polyglactin Suture

#### Materials

GLSORB thread is composed of a copolymer made from 90% glycolide and 10% L-Lactide (PGLA) and available in violet or undved.

It is coated with calcium stearate and 30:70 poly(glycolide-co-L-Lactide).

Needles are made up of biocompatible stainless steel.

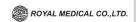
#### **Features**

Consistent absorption rate and outstanding tensile strength.

Excellent handling properties.

The retention strength is almost more than 65% of the initial strength after 14days at 37°C. Available in various types including taper point, reverse cutting, blunt, straight.

## Royal Medical Co.,Ltd.



#### www.royalmedical.com

Address: 375-2, seokjeong-ri, seodunmul-gil, poseung-eup, pyeongtaek-si, gyeonggi-do, korea,

royalmedical

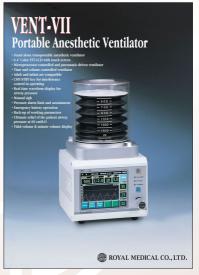
#### Company at a Glance

Since royal medical co., Itd had been founded in 1973, royal medical has been Dealing with and manufacturing the anesthesia machines with ventilators.

Each series of anesthesia machines can be configurable with any spec on Customer's request. We will do our best for for customer

#### Technology and Product(s)





Royal medical multiplus mevd is most reasonable price and full spec for Surgery in operation room. Very popular in korea and asia market And we added vent-vii for trend in now days. Vent-vii is digital and lcd touch screen type ventilator for trend in market.

- 1. 2-gased basic machine (02/N20)
  - 1) Basic frame with 5" x 4 static casters
  - 2) Gas supply box with stainless steel instrument tray
  - 3) Oxygen flush valve
  - 4) O2/N2O flowmeter
  - 5) Alarm whistle for oxygen supply failure
  - 6) Rail for vaporizer
  - 7) Oxygen piping station block with 5m hose
  - 8) Nitrous oxide piping station block with 5m hose
  - 9) Two drawers 10) Moving handle
- 2. Isoflurane or sevoflurane vaporizer, cagemount SHEI
- 3. 'Dual' C02 absorber system
- 4. anesthetic ventilator

## Samsung Medison Co., Ltd.

## **SAMSUNG**

#### www.samsunghealthcare.com



Korea 13530 Tel :+82-2-2194-1000

E-mail: mira2011.oh@samsungmedison.com

#### Company at a Glance

Samsung Medison, an affiliate of Samsung Electronics, is a global medical equipment company founded in 1985.

With a mission to bring health and well-being to people's lives, the company manufactures diagnostic ultrasound systems around the world across various medical fields. Samsung Medison has commercialized the Live 3D technology in 2001 and since being part of Samsung Electronics in 2011, it is integrating IT, image processing, semiconductor and communication technologies into ultrasound systems for efficient and confident diagnosis.

#### Technology and Product(s)



Samsung Ultraounsd HS50 is the practical choice for superior imaging and enhanced workflow. Experience Samsung's advanced imaging technologies including S-Harmonic™ and and 5D Solutions.

Awarded iF Design for UX/UI in Communication

Awarded iF Design for Product Design

#### **Product information**

- Advanced imaging functions (S-Harmonic<sup>™</sup>, ClearVision, S-Flow<sup>™</sup>)
- 5D diagnostic solutions (5D NT™, 5D Follicle™)
- Convenient 3D function (RealisticVue™)
- Fetal biometry measurement tool (BiometryAssist™)
- Elastography with strain ratio calculation (E-Strain™)
- · Cardiac solutions (Strain+, StressEcho)
- Semi-automated measurement of intima-media thickness (AutoIMT+)
- Needle guidance technology (NeedleMate+™)
- Workflow improving tools (Quick Preset, EzExam+™, EzCompare™, QuickScan™)
- 21.5-inch LED monitor / 10.1-inch touch screen / batteryAssist / gel warmer

## Sciencemedic Co., Ltd



#### www.sciencmedic.com

Address : 5F Science Building 104, Jeonpa-ro 24beon-gil, Manan-gu, Anyang-si, Gyeonggi-do, Korea Tel :+82-31-479-1194 Fax : +82-31-479-1180 E-mail : sgjun@sciencemedic.com

#### Company at a Glance

We, ScienceMedic Co., Ltd, are one of the leading manufacturers in Orthopedics Surgery Instruments in Korea and we supply the products with passion.

The company has various products including over 600 kinds of Surgical Saw Blades, Medical BATTERY type of handpieces (Unit Drill, Oscillating Saw, and Multi-Handpiece that can be attached Drill, Reamer, Wire & Pin and Saw), Micro Saw and Pulse Cleaners.

Our manufacturing products, Medical Handpieces and Saw Blades, are certified with ISO13485 and CE authentication and we are exporting to more than 10 countries on a continuous basis.

We are developing new items in surgery every year under the cooperation of our Government and we promise to do our best to develop new technology and satisfy our customers' needs.

#### Technology and Product(s)



#### 1. Skin Closure

Ez up skin closure is for Total Knee Replacement Surgery, Total Hip Replacement Surgery, Shoulder Surgery, Spine Surgery, Trauma surgery or etc, instead of Suture or Staple.

Ez up is a noninvasive skin closure alternative to sutures and staples for surgery and lacerations, offering time-savings, better cosmesis, lower infection risk, and greater patient comfort. It is easy to apply and patients can remove it at home

- No scar for Staple or Suture
- Faster than sutures
- stronger than sutures in protecting incision from distraction forces
- No staple or suture tissue punctures that may allow bacteria into wound site
- Fewer wound complications
- No need to visit Hospital or clinic for removal(Remove patient home)



#### 2. Disposalbe Powered Handpiece

Disposable hanpdieces are very reasonable price, no need maintenance, reduce the burden on the A/S(no need A/S) and prevent the risk of infection. In addition, It is ergonomic design, strong power, durability and also cheap in price.

- -Disposable Handpiece
- 500mm x 500mm x 2mh / 5kg
- -Skin Closure
- 20cm x 5cm x 5cm / 1kg

## Sejong Biomed Co., Ltd.



#### www.sejongmedical.com

Address: 11, Sinchon 2-ro, Paju-si, Gyeonggi-do, 10880, South Korea

#### Company at a Glance

We are specialized in the development and the subsequent manufacturing of medical devices and equipment for laparoscopic surgery.

#### Technology and Product(s)



#### 1. Laport

Laport is used for laparoscopic surgeries and acts as a path to different surgical tools. Main advantages of Laport are Locking system that holds the handle with the body to prevent the twist of the needle during insertion, Lip valve system which allows taking out the instruments without losing gas pressure of the internal pneumoperitoneum, One-touch button that allows removing the gas and gauze easily, Ergonomic design that provides outstanding grip feeling, Injury-Free Serration that provides an easy insertion and prevents breakaway structure. Three types needles are available that are optical, bladeless and blade. Blunt needle is available for Laport-Hasson. It is used in many different operations such as salpingectomy, salpingo-oophorectomy, LAVH, myomectomy, LUNA, corneal resection, oophorectomy, ovarian wedge resection, ovarian cystectomy, pelvic adhesiolysis in obstetrics and gynecology, cholecystectomy, colectomy, gastric bypass, gastrectomy, bariatric surgery, nephrectomy, liver resection, splenectomy in general surgery.

Laport available from

3mm\*75mm to 12mm\*150mm.



#### 2. Lapsingle

Lapsingle is used for laparoscopic surgeries and acts as a path to different surgical tools. Unlike Laport, this only needs one path for numbers of surgery tools. The main advantages of Lapsingle are 1t is designed to minimize the collision of the instrument during the single incision surgery by using silicone for the body. Transparent body allows an easy access to the abdominal cavity, Isolation of gas inlet and smoke exhaust for smooth emission of the smoke in the abdominal, It is also used in many different operations that Laport is used.

Lapsingle available from 10mm\*3 and 15mm\*1



#### 3. Lapbag

Lapbag is used to collect and retrieval the specimens that were found from the surgery. This is also used through the path where Laport and Lapsingle are located. The main advantages of Lapbag are 'The pouch is opened automatically and it is convenient to remove the specimen, 'Various shapes and sizes for different surgeries, 'Double seamed pouch improves the tensile strength that prevents the split of the pouch.

Lapbag available from 70mm\*140mm to 250mm\*300mm.

## SOLCO BIOMEDICAL CO., LTD. SOLCO.



#### www.solco.co.kr

Address: 154 Seotan-ro, Seotan-myeon, Pyeongtaek-si, Gyeonggi-do, 17704

Tel:+82-2-2082-8623 Fax: +82-2-2082-7701 E-mail: smjeong27@solco.co.kr

#### Company at a Glance

We have been operating since 1974 and we are a manufacturer and also an exporter to surgical instrument, spine implant and health care things.

Our team have been in the export game for over a decade spine implant, spine instrument and General surgical Instruments.

#### Technology and Product(s)



We could support you higher-quality and elaborate instruments whatever you expected.

## SunMedix Co., Ltd.



#### www.sunmedix.com

Address: 78-21, Geumgang-ro: 1845beon-gil, Jinjeop-eup, Namyangju-si, Gyeonggi-do, 12018 KOREA
Tel: +82-31-574-7417

Fax: +82-31-574-1599

E-mail: sunmedix@sunmedix.com

#### Company at a Glance

We have started our business since 2004 from medical device developing.

Our philosophy of developing and production is "user's convenience". As the result, we have issued from the skin stapler to the laparoscopic devices for the operation room.

We recommend you to just try our prodcuts. You can enjoy the ergonomic design with convenience.

Now we are starting 2nd stage. Your advice and concerning will be very appreciated.

#### Technology and Product(s)



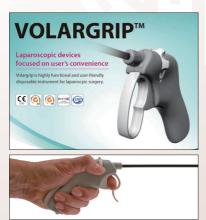


#### 1) Skin Stapler and staple remover

(Acos series) about 80q

- For the skin closing where the suturing is necessary.
- -The reasonable quality with the reasonable price

| Type    | Span (mm) | Height (mm) | D(mm) | Remark   |
|---------|-----------|-------------|-------|----------|
| Wide    | 6.4       | 4.0         | 0.57  | CTC 2161 |
| Regular | 5.6       | 3.8         | 0.57  | STS 316L |



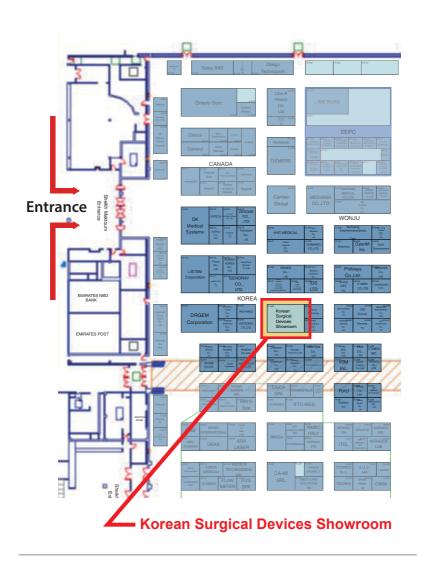
#### 2) Laparoscopic devices

(Volargrip series) about 120g

- For the most convenient operation
- Preventing CTS of operator
- Easy adjustment of all the function.
- Size: Length 330 mm. Diameter 5 mm
- Model: Total 14 kinds including scissors, marylnand, etc.



## **Arab Health Site map**



## Sheikh Maktoum Hall





