

WONJU MEDICAL CLUSTER



Wonju Medical Industry Techno Valley

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WONJU MEDICAL CLUSTER



# WONJU MEDICAL CLUSTER



# No.1

## Wonju Medical Industry Techno Valley

Come to Wonju and make your dreams come true.  
Full of youth with unlimited ideas and talent, ambitions challenging  
the impossible and advanced technologies  
for the future, Wonju Medical Industry Techno Valley is taking the  
initiative in defining and improving the future for all.

<http://www.wmit.or.kr>





Wonju Medical Industry Techno Valley

“

*We will ensure  
a bright future  
for the medical device  
industry in Korea*

”

---

Wonju, the Hope of Businesses for a Bright Future!

We welcome all of you to Wonju,  
the focal point of the medical device industry in Korea.

Wonju medical equipment techno valley development project has been pushing ahead for bringing Wonju as a city of global medical equipment industry since 1998. It is an industry, specialized in medical equipment, for vitalization of regional economy and improving international competitiveness of domestic medical equipment industry by supporting things such as training man power and technology cooperation, establishment support, production function and marketing through organic cooperation with industry, university and institute.

Establishment support center, research institute affiliated with the company, etc are placed inside Wonju medical equipment techno valley, and these are supporting the companies within the area in various aspects through total support services for technology, management, fund, etc. It is becoming the center of industrialization equipped with global competitiveness thanks to establishment of global joint research center with Fraunhofer research center which is one of the best commercialization research centers around the world.

Medical equipment exhibition, lease factory, test examination support facility, etc are going to be placed in high-tech medical equipment multi-complex center which will be completed at the end of year 2013. It will provide one-stop services to not only companies but also international and domestic buyers in order to perform the role as a base for businesses.

Wonju medical equipment techno valley is concentrating the capabilities of all members for the growth and development of companies. We will give supports with our best.  
I invite you to Wonju, a perfect city for business.



# Index of

Wonju medical device companies

| Company | Page |

## Imaging

Caretek	06
CoreWare	07
Dimedi	08
Jejoong Medical	09
Kostec	10
Listem	11
Macro Vision	12
Mesh	13
Optobiomed	14
Pananomics	15
XL	16

## Diagnosis

I-sens	17
Mediana	18
Medical supply	19
Medigate	20
Mega Medical	21
Mezoo	22

## Rehabilitation

Bio-Protech	23
Bosung Meditech	24
C&C Care	25
CR medi	26
CU Medical System	27
Daeyang Medical	28
Daiwha Corp	29
Davinci Meditec	30
Dow Medics	31
Furun Medical	32
Hapex Medical	33
Hurev	34
Hyun Medics	35
Korea Dolki	36
Leaders Medical	37
Mediconet	38
Medirune	39
Mow Medical	40
Ncare	41
Neo Dr.	42
ProMedi	43
ScienCity	44
Seo Hung	45
SL Medical	46
Sungkyung Medical	47
Tae Yeon Medical	48

## Health Care

Bluemtech	49
Caleb	50
Cohas	51
Dae Kyoung	52
Dongjin Medical	53
Energy plus	54
Genewel	55
Goople	56
HDR	57
Hyundae Meditech	58
Kairos	59
Korea Polylens	60
Kosco	61
Mcure	62
Medicon	63
Neo Vision	64
Nuga Medical	65
O2 Care	66
SamsonMed	67
ShinHung MST	68
Spatech	69
TS Meditech	70
Yuwon Meditech	71



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## Company Profile

Caretek develops and manufactures endoscopes that offer a meaningful improvement in life value and enterprise value.

We developed industrial endoscope "IN-VISION" which is used in many industries in 2006 and succeeded in domestically producing medical flexible video scope "MEDIION" with technique and experience in development.

Caretek has developed industrial endoscope applying optics and refraction to development of medical products. Through the national business, portable emergence scope and flexible laparoscopic (LF-100) system are under the certification test.

Also, we developed an AV-Scope equipped with an endoscope guide for easier intubation by installing an additional removable endoscope to the existing laryngoscope.

AV-Scope(Attach Video Scope) produced on the basis of this patented technology can be installed and removed easily from an existing laryngoscope, and carry out the intubation easily, safely, and quickly by obtaining an image with a subminiature camera, and then displaying it on a monitor.

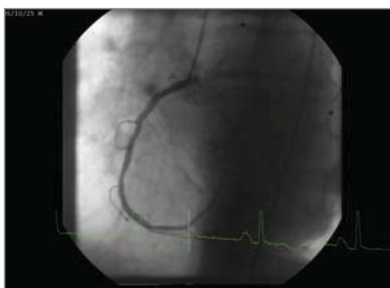
# COREWARE

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**QUASAR - Digital Radiography Solution**



**DTK - DICOM Toolkit**



**BroadPACS - PACS Solution**

# COREWARE COREWARE

## Company Profile

The aim of CoreWare is to provide digital imaging solutions for medicine in PACS and radiography criteria. Our customers are PACS company and modality manufacturers. We have the core technology for medical imaging specialized in DICOM and image processing fields. The choice of our products will not only increase your performance but also reduce the resources for development.

### CoreWare offers

- High quality and fast image processing for Digital Radiography
- Work directly with our customers to ensure their success
- Expert training in image processing for our customers
- 9 years experience Digital Radiography

## Products

### QUASAR - Digital Radiography Solution

Quasar is an Image Workstation which performs image acquisition, image processing and image management for digital radiography system.

- Quasar acquires image with connection to X-ray generator and X-ray detector.
- Quasar has local database which enables management of patient and study.
- Quasar support DICOM standard interface. You can easily connect to PACS.
- Quasar is designed to process heavy work flow at the hospital and provide by useful functions for radiography works.

### DTK - DICOM Toolkit

DICOM is the standard among the digital medical imaging system. DTK provides DICOM dataset functions, DICOM service class functions, image functions and medical image specialized functions. In short, DTK is the toolkit for medical image. DTK is designed to do best performances at Microsoft Windows OS which is currently becoming major in hospital computer environment. DTK guarantees high image display speed with small physical memory usage. DTK is designed as object oriented structure for the simplification of DICOM complexity. It provide all functions needed at medical imaging applications.

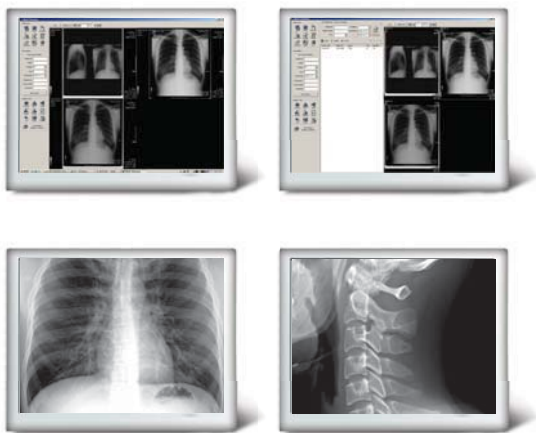
### BroadPACS - PACS Solution

Many facilities have found that they do not need or cannot afford a full enterprise PACS system. The high costs of PACS has led to the advent of our MiniPACS, a cost-effective alternative to enable smaller hospitals and imaging centers to implement a digital image management system. The BroadPACS combines the powerful archive software, DICOM viewer and DICOM router all tied into a 1-4 TB Server.





Rayscan Plus II



## Company Profile

The company develops digital imaging process solutions, and it's currently manufacturing and selling Rayscan Plus X-ray scanner for films.

## Products

The Rayscan Plus II is the X-ray Film Scanner model which changes from a normal X-ray Film into a Digital File (DCM). It helps in easily and conveniently managing the relative information in the Database at a Hospital.

### Image Processing Support

- Various Support of X-ray Film Size 5" x 7" ~ 14" x 17"
- High quality of Mammography Scan
- Scan time : 8 sec for each X-ray Film(14"x17" size)
- Support format : DCM, BMP, JPG
- Slim data size (Max 3.3 MB for each film / 200dpi, 14"\*17" size)
- Support by CD Burn.
- One click scan with Auto-sizing.
- Brightness control for each X-ray Film
- Working on internal network environment

### Various Support of Viewer

- Search by patient's Name, ID, Date, Modify, and etc.
- Various image editing option : enlarge, reverse, brightness
- Transmit Image option for Tele Diagnostic

### Optional Services

- Bone mineral density check
- Growth plate check
- Tele Radiology
- Free service of PACS Viewer
- Transmit US,ES file (DICOM) to doctor's office



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COVE



ZATHA & ZATHA-S



DILOS



DILOS DESKTOP



## Company Profile

Jejoong Medical Co., Ltd. which was established in WonJu city, Korea in 1998 is a company who manufactures and exports high quality medical equipments such as medical film viewer boxes, high frequency ESU, general ESU, and surgical accessories. Since 1998, Jejoong supplied medical film viewer boxes to medical experts, distributors and hospitals. In 2009, Jejoong developed a high frequency ESU, COVE with its own technology and is supplying it to all over the world. Also, JeJoong developed general ESUs, ZATHA and ZATHA-S with its accumulated knowledge & new technology. They are released as new products of 2012.

Jejoong Medical Co., Ltd. is proud to be an authorized supplier of high quality medical products with good sales service. Jejoong provides to a lot of professional surgeons, veterinarians, authorized medical distributors, and government facilities. Their well-experienced technicians are endeavoring for the best medical technologies and all Jejoong members are ensuring their equipments provide of best quality and services.

## Products Introduction

### COVE – High Frequency ESU with 5MHz

- Enables a fine cut and minimizes the tissue damages.
- Coagulation without Carbonization.
- Timer Function from 0.1~20 seconds.
- Precise Blending of 50% Cut, 50% Coagulation.
- Soft Plasma Spray for wide bleeding area.
- Dual Monopolar : Monopolar1 for Cut, Coagulation, Blending  
Monopolar2 for Spray Coagulation
- Applicable to aesthetic, plastic, dermatology, ENT, and general surgeries.

### ZATHA & ZATHA-S – General ESU with 555KHz

- Minimizes the carbonization by a new technology ACW (Arc-Controlled Waveform).
- Prevents the 2<sup>nd</sup> bleeding by electrode tips.
- Patient Protection System by more than 1,000times of micro pulse detection.
- Applicable to endoscope, laparoscope, ENT, dermatology, plastic surgery, veterinary clinics, and general surgeries.

### DILOS Series - World's Slimmest & Stylish Design.

- High Efficiency EEFL Lamps guarantee more than 20,000hours of life cycle.
- High Frequency Inverter prevents flickering.
- Uniform and Continuous Brightness Control.



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- 1
- 2
- 3
- 4



*Diagnostic Monitors*



*Endoscopy Imaging Solutions*



*Medical Image Consulting System*



*Clinical Review Displays*



## Company Profile

Founded on ultrasound imaging technologies, Kostec has developed a variety of imaging technologies and solutions required in various medical modalities and industrial facilities, and all the efforts, experience and R&D investment in the past years have come to a result of superb-quality display lineup from small and large open-frame solutions to 5 megapixel medical monitors for digital mammography.

Kostec is committed to providing reliable custom service and technology for the global clients and partners, and will make devotional efforts for the growth of medical industry.

## Products

### 2MP/3MP/5MP Diagnostic Monitors 21.3"

Combined with the 14-bit image processing controller and various cutting-edge display technologies such as brightness leveling technology (BLT), sub-division uniformity controlling technology (SUC) & image quality enhancement technology (IQE), the high-density and high-brightness LCD guarantees high-quality diagnostic precision images in PACS and modalities such as CT, MRI, chest radiology, angiography, orthopedic imaging, etc, providing radiologists with confidence in diagnostic imaging.

### Endoscopy Imaging Solutions 19", 21.5", 24", 47", 55"

Endoscopy imaging solutions designed for high-quality video image reproduction of surgical endoscopy images. With a variety of analog/digital input/output terminals including HD/SDI and the water-drop protection level housing, it offers ideal applications in endoscopy surgical environments.

### Clinical Review Displays 19", 20.1", 24"

Clinical review monitor is a multipurpose medical solution designed for a variety of medical imaging applications in any hospital system such as RIS, HIS or PACS and in modalities such as CT, CR, MRI, etc. Combined with premium quality LCD panels and versatile AD controller boards with a variety of digital/analog in/out signal ports, the clinical review monitors offer high-quality DICOM compliant images ANYWHERE to ANYONE.

### Medical Image Consulting System 65", 55", 47"

65-inch Medical Image Consulting System, a DICOM-compliant extra-large sized Full HD display is a unique medical imaging solution designed for the needs of extra-large sized imaging display in a variety of medical environments, which is applicable to various medical environments as medical conference, visual/audio education, surgical monitoring, medical presentation and information. PACS image viewing system, etc.

# LISTEM

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- 1
- 2
- 3
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ADR



UNI-DR



CLASCAN



## Company Profile

Listem, Inc. is a medical device company that develops and produces diagnostic X-ray system. It responds to a fast-changing environment with diagnostic imaging services for hospitals and offers advanced technologies, such as Digital Radiography System (DRG), UNI-DR, and CLASCAN system. DRS and UNI-DR systems are state-of-the-art digital X-ray systems that use Flat Panel Detector (FPD). They offer the most efficient conditions to enhance the experience of reading images through workstations loaded with high-speed film processors. They are worthy investments that will sustain over the years and offer cost-savings. DRS and UNI-DR systems are most suitable in PACS environment, and they inhibit technologies that compete head-to-head with other leading products. These products incorporate the best technologies that make Listem, Inc. a leading medical imaging company supporting tertiary medical centers in Korea. Listem, Inc. improved a domestic X-ray system market predominately comprised of imported products. It's currently exporting X-ray system products to 79 countries under its own brand.

## Products

### DRS

DRS is a Digital Radiography System that offers imaging of a full-body. DRS enhances a user's experience through Ceiling Type Tube Stand, Detector Stand, and Table Synchronization in six different ways. Moreover, FPD by Trixell and Varian presents good quality images and guarantees safety. In addition, standardized DICOM 3.0 support enables linkage with HIS/RIS and PACS. A workstation is equipped with comprehensive software that consolidates a process of image retrieval with other imaging software, X-ray generator, and control software that manages auto collimator.

### UNI-DR

UNI-DR is a DRS X-Ray system that uses one detector for a full-body scan. Its special functions, such as Auto Collimation System, Auto Positioning System, and Anatomic Programming Radiographic (APR), enhances both the user's and the patient's experience. Installation of FPD by Trixell and Varian guarantees quality and safety of services, and all-in-one structure of the machine improves the space utilization. A workstation is equipped with comprehensive software that consolidates a process of image retrieval with other imaging software, X-ray generator, and control software that manages auto collimator.

### CLASCAN

CLASCAN is a Digital Fluoroscopic/Radiographic X-ray System that uses a remote technology. It incorporates a digital R/F filming device, and the width of the table enables a wide coverage of a scan. The remote technology also allows imaging of different part of a patient's body without forcing a patient to move. In addition, the remote function allows a control of lenses from main and local console. This minimizes a user's level of exposure to radiation and improves his/her experiences.

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- 1
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- 4



**Bone Densitometry & Growth Plate measurement, MV-BD2000**



**Digital Radiography MV-DR1000**



**OSTEOPRIMA**

## Company Profile

Rising life expectancy and increasing medium income have attracted more attention to preservation of health with safe medical treatments. Aging of the population heightens this trend. Macrovision Inc strives to create products that emphasize 'medical technology that provides new life.' Macrovision has matured into a company that specializes in a production of medical devices since a development of X-ray bone density reader in 2005. Team members at Macrovision commit themselves into improving quality of products and undergoing continuous innovation of technologies. It will become a company that creates future through innovation in technology and servant leadership.

## Products

### Bone Densitometry & Growth Plate measurement, MV-BD2000

This device allows for a simultaneous testing of bone density level and pediatric growth plate through X-rays. It has a very low exposure of radiation to patients and offers high quality image with a use of low illuminating sensors. It also has a very short turn-around time of 25 seconds from a scan to a completion of bone density analysis. It measures bone plate of a pediatric patient and presents a graphic display of the height and weight compared to a standard value. In addition, a child's height can be approximated through genetic testing of the child and the parent. This machine also eliminated a need to apply gel or water to affected testing area. A patient can use the machine for testing over his/her socks.

### Digital Radiography MV-DR1000

MV-DR1000 is available image security of high resolution and efficient handling through high speed image processing software, it is a system that can diagnose exactly many patients in given time.

- Digital patient image of high resolution.(17million pixel)
- less space restriction
- All pacs program available

### OSTEOPRIMA

OSTEOPRIMA is a bed-type bone densitometer using the most advanced dual energy X-ray absorptiometry (DEXA) technology

- Minimum purchasing price and maintenance cost
- Optimum space practical use and Lowest noise
  - > Minimum space, 20dB
- Best accuracy, minimum radiation dosage -> Precision <- 1.0% 1uSv
- Easy operating and Various analysis methods
  - > Auto analysis by ROI and Passivity analysis



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T-1000 XD/HD



TAS plus (TAS+)



## Company Profile

- Establishment of MESH Co., Ltd.(2006)
- Verification of development techniques in infrared imaging sensor by U.S. Embassy in Korea and U.S. Dept. of Commerce
- Certification of 'KGMP(Korean Good Manufacturing Practice)' by KFDA(Korean Food & Drug Administration)
- Patent
  - PATENT(South Korea): "INFRARED THERMOGRAPHIC IMAGING SYSTEM USING THERMOPILE SENSOR" (Pat. No. 10-0613662)
  - PATENT pending(South Korea): "INFRARED THERMOGRAPHY DETECTION METHOD" (pending No. 10-2007-0085053)
  - PATENT pending(South Korea): "INFRARED THERMOGRAPHIC IMAGING SYSTEM"(pending No. 20-2007-0014008)

## Products

1. Digital Infrared Thermal Imaging System, Thermography, T-1000 XD/HD
  - The only imaging modality to diagnose ache or pain
  - No radiation, no pain, non-contact and non-invasive
  - Full digital IR images
  - Real temperatures
  - Movie preview zoom function
  - Electronic IR Camera type. (no liquid nitrogen)
  - PACS/EMR compatible
2. Autonomic Nerve Analysis , TASplus(TAS+)
  - Twin Accelerated Plethysmograph
  - Stress Analyzer
  - APG measurement for cardiovascular assessment
  - HRV readings for examination of ANS/stress diseases
  - Finger-tip light sensor
  - Marks functionality of a patient's ANS

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DermaVision-PRO



DermaView-Pro

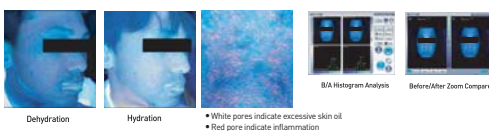


Beauty Edition

**Skin Image Analysis Windows**



**UV-Image : The brilliant color index image is display of pore condition**



**MAGVISION**



**Company Profile**

**“ The Leader in Biomedical Optic Imaging System ”**

OptoBioMed Co., Ltd. promotes enterprise culture for creating a joyful, creative and advanced workplace based on human love and sound morality.

In addition, we promise to exert our utmost efforts at R&D in order to be born again as “a business specialized in medical optical imaging and digital imaging” competitive in world market.

The management and staff of the company believe that a bright future will open and our hope will come true if we cope with technological changes promptly, read the trend of the market carefully, and work hard with all our strength. With this belief, we will do our best to maximize customers’ satisfaction through continuous R&D.

We hope your continuous support and encouragement.

**Registration of Patent**

- Skin image processing system and operation method
- Quantitative image analysis of skin color and erythema
- Multi -model digital skin imaging system and analysis method
- Polarization Magnifier(MAG Vision)
- Stand for a skin and tooth camera system
- DermaCancer Analysis system and operation method
- The meter for dental and skin
- Videoscope imaging system
- DermaVision / DermaPRO / DermaCancer

**What is the DermaVision ?**

DermaVision is a new Digital Photography Analysis system (DPA System) for qualitative and quantitative analysis for the facial skin lesion.

It provides high resolution image for the convenient and accurate comparison between before and after treatment images. DermaVision can transfers patient images from Clinic room to clinic room through hospital network, And it systemizes patient records.

Also, It provides specialized images such as Cross Polarization Image(CPI), Parallel Polarization Image(PPI), UV Image(UVI).

At last, DermaVision provides high quality image without reflected light and methods of unique skin color analysis system.

(CPI-The analysis of dermis & epidermis / PPI-The analysis of epidermis)

Digital Imaging for Healthcare

**pananomics**

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*Digital X-Ray Detector*



*Digital Radiography System*

Digital Imaging for Healthcare

**pananomics**

## Company Profile

PANANOMICS has invested a great deal in core technologies of digital image processes, high precision medical X-ray detector, signal processing for image sensors and digital radiography systems.

## Products

### Digital X-Ray Detector

SPY-16M digital X-rays Detector is cutting edge digital ensures highest image acquisition from 16mega pixels.

It is High performance optical lens with no distortion and no penetration loss maximizes accurate image result.

solely developed cooling mechanism prevents possible overheat in long operation and minimize noise affecting image quality.

### Digital Radiography System

Wise - DR was manufactured based on the 16Mega pixel ccd Detector developed by PANANOMICS.

The good points of ccd Detector are its small size, thin shape, and light weight;therefore, Wise - DR series has less vibration and noise.

It was optimized for better performance by the image processing, PANANOMICS'own proprietary technology.

The ceiling suspension system of Wise - DR Multi is a reliable, accurate, and affordable x-ray system.

The Wise - DR Multi is a motorized DR system and designed to resolute all your x-ray imaging needs.

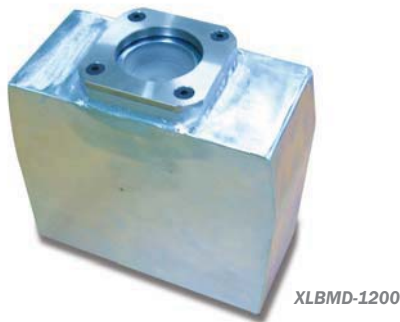


# XL

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- 1
- 2
- 3
- 4



**XLBMD-1200**



**XL-3000**



**XL-1200**



## Company Profile

### Main products

- Medical stationary anoid X-ray tube
- Medical X-ray monotank
- Microfocus X-ray for non-invasive testing

### Company History

- 2007. 6. 1 Establishment of a private company
- 2007. 8 Sale of anoid X-ray parts
- 2008. 4 Development of anoid X-ray machine and monotank
- 2009. 3. 1 Move to Wonju medical device industrial district
- 2010. 1 Incorporated

### Intellectual Property

- Domestically registered patents - 4items
- PCT internal patent submission - 1items
- Domestic patent submission - 3items
- Authentication
- Registration as a venture company

## Products

### 1. Stationary anoid X-ray

	3 kW	1.2 kW
Thermal capacity	50 kJ	20 kJ
Maximum current	30 mA	10 mA
Maximum voltage	40-120kV	40-90kV
Maximum power	Centered-Ground	Centered-Ground
window	3 kW	1.2 kW
Focal spot	Glass	Glass
	0.6 mm, 1.2 mm	0.6 mm

### 2. X-ray monotank

- 1.2 kW - X-ray : stationary anoid 1.2 kW
- Size : 95 W x 160 H x 195 L

- 20 kW - X-ray : rotating anode 20 kW
- Thermal capacity : 100kJ
- Maximum current : 200mA
- Maximum voltage : 150 kV
- Maximum power : 30 kW
- Focal spot : 0.6 mm, 1.2 mm
- Rotating : speed 3000 rpm
- Size : 200 W x 275 H x 320 L
- Weight : 20kG



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- 1
- 2
- 3
- 4



*New Products*



*No-Coding Products*



*Coding Product*



*Health Care*



*Blood analyzer*



## Company Profile

Contributing towards human health through the implementation of advanced technologies

i-SENS, Inc. is a biotech company involved in the research, development, production and sales of diagnostic devices that help improve human health.

i-SENS, Inc. is set to become a global diagnostics biotech company by continuously developing and introducing innovative and convenient diagnostic devices based on strong research and development of advanced and proprietary technology by recognized biosensor experts.

The first product of i-SENS, a blood glucose monitoring device, received good market response on its introduction to the domestic market as well as the markets of more advanced countries such as America, Japan, and Europe, and on the basis of this successful experience, i-SENS plans to continuously introduce new products to the international market. Additionally, along with planning the steady growth of the company through the introduction of next generation electrolyte analyzer, blood gas analyzer and immunosensors in the domestic and global markets in phases, i-SENS will strive to become the leading biotech company representing Korea.

Reflecting on our original credo of "Contributing towards human health by developing diagnostic products based on next generation technology", we will do our best to grow as a global enterprise by supplying the best products in the world to the market through ceaseless research and investment in core technologies.

## Products

Our main product is called "CareSens", which is a Self Monitoring Blood Glucose system(SMBG), our first product using the latest biochemical sensor technology.

The "CareSens" product line for diabetic care is based on decades of research, and features tiny sample size, superfast testing times, and no-coding.

Additionally, i-SENS offers a state-of-the-art electrolyte analyzer.

The automatic electrolyte analyzer, i-Smart 30, measures electrolytes from whole blood fast and accurately. The analyzer can also use both serum and plasma to yield the results in less than a minute. Compact and light-weight, the analyzer is ideal for POCT laboratories in hospitals and doctor's office.



Donghwa Medical Instrument Complex, 1650-1,  
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YM1000



YM6000



A10



## Company Profile

"Customer satisfaction through teamwork and continuous improvement"

Mediana's mission is to satisfy customers' needs by developing, manufacturing and selling state-of-the-art and affordable medical technology.

Our ultimate goal is to earn the trust of our customers by using our imagination and skills to continuously offer them better medical solutions.

Mediana Co.,LTD has succeeded to develop the new products such as, HeartOn AED and Patient Monitor that is one of the main products in Mediana with continuous R&D investment. Also Mediana is accelerating to develop the overseas new markets and keeps trying to become global company in medical industry with the aim to generate an incredible level of synergy through diversifying of the products and new overseas markets.

## Products

### Ym1000 – vital signs monitor

Used in all hospital areas and hospital-type facilities. It may be used during hospital transport and mobile environment such as ambulances. Simple and straightforward. The Mediana vital signs monitor is fast & easy to learn to operate. Learn the features from the quick guide in just 15 minutes. Mediana representative can also provide complete service training for your convenience. Simple, push-button programming and large digital display makes the monitor easy & clear to read.

### Ym6000-patient monitor

The Ym 6000 is a sophisticated monitor using the best technologies. The dynamic linear deflation NIBP module guarantees greater patient comfort, shorter Measurement time and improved accuracy for all adult, pediatric and neonate patients. The new SpO2 module, with sensors, lets you take full advantage of the ongoing advances in pulse oximetry technology. Up to 24hrs tabular and graphical trends show all parameters to support clinician's decisions whenever necessary.

### Aed-A10-Automated external defibrillator

Mediana's Heart On AED helps to save people's lives in case of emergency. Support Icons and voice prompts to instruct user performing CPR. A10 includes an automatic self-test which is performed on a daily, weekly and monthly basis for device, battery, and power supply status. The self-test program will run automatically and requires no user interaction. User can check battery and unit status without turning on the device, making the device maintenance easier.



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**Desktop Pulse Oximeter /  
Care Vision OM-100**



**Vital Signs Monitor /  
Care Vision VS-100**



**Disposable SpO2 Sensor /  
MS Probe**



**Computer Aided Sperm Analyzer /  
SAIS**



**Desktop Pulse Oximeter with  
Color LCD Displays /  
Care Vision OM-200**



**Handheld Pulse Oximeter /  
Care Vision HP-110**

## Company Profile

Established in 1989, we are one of leading importers dealing with all kinds of medical equipment for Korean market.

In order to diversify our business area, we are focusing on manufacturing and distributing our own products to overseas as well as domestic market based on our 20-year experience with the investment of R&D together.

In 2006, we built our new factory and started to supply our products for the clients from all over the world.

We have got certifications of ISO9001, ISO13485, CE mark together with KGMP (Korea Good Manufacturing Practice) in 2006. Additionally, we were selected as INNO-Biz company in 2007 and named as Management Innovation, Exporting Promising Company by Small and Medium Business Administration in 2008.

## Products

1. Desktop Pulse Oximeter  
CareVision OM-100  
CareVision OM-200
2. Handheld Pulse Oximeter  
CareVision HP-110
3. Disposable SpO2 Sensor  
MS Probe
4. Vital Signs Monitor  
CareVision VS-100
5. CASA (Computer Aided Sperm Analyzer)  
SAIS



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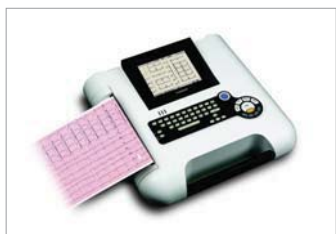
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MeCA 303i



MeCA 406i



MeCA 812



## Company Profile

Our company was established on 1997 to realize the world free from diseases and all staffs in the fields of technology, sales, service, and others have done their best to develop our company into the human-oriented health care company. Our products have been distributed in the Japanese market as well as in the Korean market. Having acquired ISO and CE certifications, our company has the strategic competitiveness and technology power. Our company will be the world-best company specializing in medical equipment.

## Products

### MeCA 303i

- 12 Lead Interpretative ECG12
- 3ch ECG Recording
- 3Inch Roll&Z-folder type ECG Recording Paper
- 4.4" Color TFT LCD (480X272)
- Multi-language
- Internal and External (SD card) ECG Memory
- Lead-Fail, Pacemaker Pulse Detection.
- Rechargeable Battery
- ECG Management PC Software (Mecalyzer)

### MeCA 406i

- 12 Lead Interpretative ECG12
- 3/6ch ECG Recording
- 4Inch Roll&Z-folder type ECG Recording Paper
- 4.3" Color TFT LCD (480X272)
- Multi-language
- Internal and External (SD card) ECG Memory
- Lead-Fail, Pacemaker Pulse Detection.
- Rechargeable Battery
- ECG Management PC Software (Mecalyzer)

### MeCA 812

- 12 Lead Interpretative ECG12
- 3/6/12ch ECG Recording
- A4 Size Z-folder type ECG Recording Paper
- 5.7" Color TFT LCD (320x240)
- Multi-language
- Internal and External (SD card) ECG Memory
- Lead-Fail, Pacemaker Pulse Detection.
- Rechargeable Battery
- ECG Management PC Software (Mecalyzer)



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- ▶ www.megamedical.co.kr



ENT : NET-3000A



NET-260H



Cell-Q Solution



## Company Profile

We are the specialized venture company had been established on 1995 to contribute to national economical development through promoting our domestic medical welfare and now we have occupied majority domestic ENT diagnosis market and extended to export to 40 countries mainly Europe, Asia, CIS and Middle East countries.

Recently we had launched two turnkey solution for respiratory and obesity treatment system based on our own technology from R&D institute and been investing to next generation new medical with competitive mechanical, optical, circuit engineering and medical technology.

With a catch phrase of Challenge, Trust and Creation, we will do our best to be a stable global enterprise to satisfy our all clients through a continuous development of technology and marketing strategy!

## Products

### ENT examination and diagnosis system

- ENT unit & patient chair
- ENT endoscopy system
- ENT irrigation and respiratory system
- ENT total therapy system

### Obesity Treatment System (Cell-Q Solution)

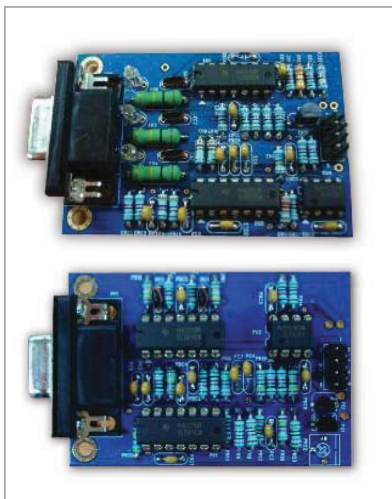
- Invasive treatment system : carboxy therapy, meso therapy, electro-stimulator
- Non-invasive treatment system : cavitation, radio frequency(CET/RET), endomology, combustion vibrator



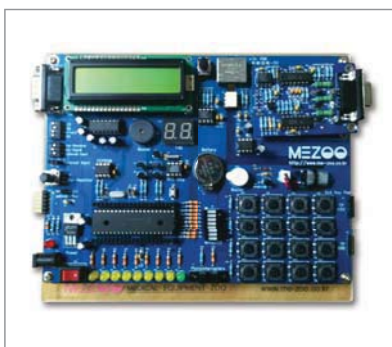
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*Bioinstrumentation (Somatometry) Analog Board*



*Digital Test Board*



## Company Profile

Mezoo was established with a motto to become a 'Health Frontier' in January 2007. We're opening path to become a leader among the world's medical device companies by continuously adapting to innovative technology.

We not only have great R&D resources but also equipped with passion to attempt to take on a new challenge each time. Our research team has a tremendous level of technical knowledge based on experience developing medical devices. We have started our own R&D center to continue the effort for creation of innovative products. We aim to combine these technical knowledge with our passion for betterment of our social health in development of every product at Mezoo.

## Products

### Bioinstrumentation (Somatometry) Analog Board

This is a bioinstrumentation analog board for training purpose of students in medicine. Students can modify a layout of components of PCB on their own. This allows students to experience and learn about analog circuit board .

### Digital Test Board

Digital Test Board connects to Bioinstrumentation Analog Board and allows a user to measure biorhythm of a subject. It enhances understanding of components of micro-controller with a use of MCU in Microchip's PIC series and with a use of various connectors to the board, such as 7-segment, character LCD, Key pad, EEPROM, melody, and motor).

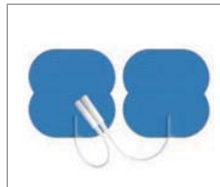


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ECG Electrode



TENS Electrode



ESU Plate



Neonatal Electrode



SpO2 Sensor



## Company Profile

Since 1998, we have provided numerous customers in all around the world with medical supplies called as ECG Electrodes ESU Plates, TENS Electrodes SPO2 Sensors and Defibrillation plates.

## Products

### TELECTRODE

Bio Protech Inc. produces ECG electrodes called "Telectrodes", which are used for various ECG tests.

It uses and Ag/AgCl sensing element and Hydro-gel for adhesion.

An Ag/AgCl sensing element has the best sensitivities and the solid adhesive hydro-gel has very low impedance.

### PRO-TAB

PROTAB ECG Tab Electrodes (and also to be sold under various private label trade names; i.e.

Multiple Labels) will be offered with solid adhesive gel.

### PRO-NEO

The PRO-NEO Neonatal ECG Electrodes are 22mm in diameter and consist of a conductive adhesive hydro-gel, a Ag/AgCl plated sensing element, a non-woven substrate and a 60cm flexible tinned copper or carbon lead-wire terminating in a standard DIN connector (AAMI color coding)

### PROPLATE

The PROPLATE is a flexible, conductive adhesive electrosurgical grounding pad with integrated 3 meter PVC coated cable and standard MSB-female connector. It is also known as the patient plate or inactive, indifferent, neutral, or return electrode.

### PROTENS

PROTENS are designed and intended to be used with marketed transcutaneous electrical nerve stimulators (TENS). The PROTENS electrodes provide the conductive interface between the TENS generator and the patient's skin.

### Oxi-Pro

OXI-PRO is specially designed to provide superior accuracy and performance through tireless research and development. Following the ageless concept of developing products from the customers' standpoint, we took no shortcuts to satisfy their needs.

### Max-TENS

Inspired by demands for an affordable yet user-conscious pain control device, Bio Protech proudly launches their TENS Unit.

### PRO-PAD

PRO-PAD Adult Defibrillation Electrodes are used in defibrillation, monitoring applications. The electrodes provide the conductive interface between the manual defibrillator or AED and the patient's skin.





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## Company Profile

BOSUNG MEDITECH Inc. is a medical device company that applies a corporate principles of 「trust, sincerity and creativity」 in everyday business practice. It strives to contribute to improvement of population health and happiness. It promises to strive for excellence in delivering the best quality products that reflect a customer's needs. It also carries a societal aim to donate a part of the profit for the betterment of the society.

Specifically, BOSUNG has developed 'SafeLan', a Lancet product that connects a cap and a needle into one piece for a safe process of needles. A rate of incidents of infections from needle administration continues to raise alert level throughout the world. SafeLan is useful in preventing incidents of infection from needles for diabetic patients and for patients in both western and oriental medicine institutions. 'SafeLan-Pro' is another lancing product that prevents reuse of needles and neutralizes the level of pain. BOSUNG also finished development of 'SafeLan-Auto', that allows for a wireless control of syringe with a light touch. A user can control a depth of the needle inserted through the skin and control the level of pain. It's useful for frequent use of needs in institutions, such as hospitals, public health office, blood bank, and oriental clinics.

## Products

### SafeLan

SafeLan solves cumbersome process of changing bleeding drawing needles. A protection cap for needles auto dis-inject when a cap and a needle are connected.

It also minimizes incidents of blood-borne infections, such as HIV and bacteria, by preventing occurrences of needlestick injury (i.e. accidently poke during treatment).

### SafeLan-Pro

SafeLan-Pro allows for easy attachment of needles. Upon attachment, protection caps for needles are auto-dispersed. It offers safe withdrawal of blood through mechanisms that prevent reuse of needles and a tool that controls contact pressure.

### SafeLan-Auto

SafeLan-Auto is useful for frequent occurrence of blood withdrawal in hospitals and clinics. It's suitable for suction treatment in oriental medical clinics.

It improved convenience of using needles through tools to minimize the level of pain and auto-dispersal of needle protection caps. Also wireless system allows for a user to easily carry the device around. It also has a function to control a depth of needle penetration. In addition, easy switch from single shot to multiple shots adds to a level of convenience for users.



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- ▶ www.cnccare.com



## 회사소개

Bed for Exercise and Rehabilitation you never seen before!  
Do you need to live healthy life?  
Start with "SPINO"

Everybody knows spine is the pillar of our body and maintaining healthy spine is one of the keys to a successful life. But many people are suffering from diseases related to the spine.

We, C&C CARE Ltd. have a solution for you with our patented technology "SPINO"

### 1. Company History

- 2008 Company Founded [C&C CARE Co., Ltd.]  
Certificate of medical products manufacture, KFDA, [No. 2784]
- 2009 KGMP approved  
2009KIMES attended  
OSAKA Barrier Free attended  
TOKYO HCR attended
- 2010 2010MEDICA attended

### 2. Vision

Company that contributes to promoting a healthy culture

## Products

Revolutionary Bed for your Spine exercise! SPINO!  
Rehabilitation, Spine realignment, Stretching, Relaxation, Muscle strength, Aerobic together with SPINO

SPINO Just lying down on the bed and move your body!  
Both ends move up and down to 23° with adjustable slope

- \* You can stretch your spine and your body adjusting slope and that helps loosen muscles and joints with great relaxation.
- \* You can do exercise by moving your body into 3 horizontal directions like a fish.
- \* You can burn your fat by aerobic exercise.
- \* You can strengthen joints (knee, pelvis, waist and neck) and build strong spinal columns.

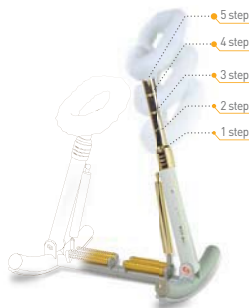


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**We invite CARE CENTER !**



Synchro balancer



## Company Profile

As aging society is in progress together with muscle/joint patients, obese patients and cardiac & blood vessel patients caused by rapid modernization, every government and household in the world start to put practical benefits on the scale and to make up the turning point to improve the quality of personal life.

CRMED, as a manufacturer of medical equipments released the exercise therapy private product for the whole body to market to adopt "a new paradigm" by utilizing something in common with exercise therapy.

Through the ongoing research and development and cultural diffusion for exercise therapy, we, as a leader, will do our best to give a help for the improvement of health welfare for everyone.

## Products

### Synchro balancer

#### Applicable targets

- Using for recovery of arthritis (degenerative, rheumatism)
- Using for recovery of articulatio humeri, knee joint, hip joint, vertebrae joint and etc.
- Using for recovery of arthritis caused by weight (After orthopedic surgery, obesity, woman delivered of a child.) Using for recovery of pelvic floor muscles disease. (urinary incontinence, decline in energy)

#### Principles

- Weight flotation system- available to escape from press on joints by lighting weight drastically.
- Equivalent resistibility movement system-Stimulating two muscles with one action.
- Curves workout system-Parabola tracking movement along the articular surface.
- Center moving system-Moving center and automatic recovery and balance measurement.

#### Function

- Economy : Affinity design (Custom-made, circulation.)
- Durability : 3-Nos (No power, no noise, no vibration.)
- Application : Recovery exercise for target parts. (30 workout routines)
- Universality : Universal design product. (All-purpose for people of all ages and both sexes.)
- Appreciation of the beautiful : compact Collection types.

#### Features

- Select compatibility : Selecting exercise part and compatibility of hands and feet
- Safety : Immediate put-on/off without preparation action and bottom-up height adjustment.
- Convenience : Lever system for strength and weakness adjustment and foot support.
- Sanitation : Available to exchange cover and taste care.



### CU Medical Systems, Inc.

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NEW i-PAD CU-SP1



FDA CE JFDA NF1200



CE CU-HD1



## Company Profile

Company that thinks about improving health of everyone world-wide

CU Medical Inc is a high-technology venture firm that specializes in a development of Automated External Defibrillators (AED) and portable electrocardiographs. Previously, most countries, besides Korea, relied on imports for AEDs from five countries due to technical barriers of developing them. CU Medical's AED s are earning high regards for their quality.

CU medical supplies portable emergent medical devices that will protect anyone from sudden medical emergencies, such as cardiac arrest.

## Products

### CU-SP1

iPAD CU-SP1 is an easy-to-use Semi-Automated External Defibrillator (AED) that is small, light, and portable, and uses a battery. The AED automatically reads the patient's electrocardiogram (ECG) and determines if a cardiac arrest that requires defibrillation has occurred, so that both medical professionals and the general public can easily operate it

### NF1200

- Operation : Semi-automatic EMS
- Power input : e-cube BTE type
- Input energy : 200J, 50 omega default setting
- Protocol : communicate a guideline according to a patient's condition per voice and indicators
- Voice guide : detailed voice message about electric shock and CPR
- IrDA (infrared wireless communication) : PC data submission
- Data storage : 30 mins (electrocardiographs, event, equipment install)
- Self assessment (daily) : internal circuit, waveform submission system, battery capacity, software test
- Battery insertion test : auto-test initiated when a battery is inserted

### CU-HD1

- Auto (AED), Manual mode capable
- Pace mode function
- Electrocardiograph reading (read 3/5/12), SpO2
- Synchronized Cardioversion function
- Portable, can be used on the go and on ER ambulance
- Data and voice records for electrocardiograph can be stored
- Various power input function capability (AC power, power jack for automobiles, battery)



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AUTOMOTE 202



POINTRON 802



INTERPRO 8000



MABEL 6



KAVITA



THERMA G PLUS

## Company Profile

We are established in Sep 1970. Our company operates both in the medical and in the beauty field. We have highly qualified personnel and use high tech machinery and modern devices. The company produces and sells a complete range of products and accessories. The company designs, produces and sells according to the quality systems certified KGMP and ISO13485. We are always trying to give you best satisfaction by supplying machines with excellent quality.

## Products

### Aesthetic Devices

COOLIPOTWIN	(Cryolipolysis System)
MABEL 6	(Multi-polar RF System)
MABEL Pro	(Multi-polar & Mono-Polar RF System)
THERMA G PLUS	(Multi-polar RF System)
THERMA B PLUS	(Multi-polar RF System)
LUVITRA	(Ultra-Cavitation System)
CARBO 3000	(Carboxy Therapy)
REJUVE	(Potable Multi-Polar RF System)
COOLIPOTWIN	(Cryolipolysis System)
LUMISLIM	(Low Level Laser)
LIFTRON	(Minimal Fractional RF)
CELLUSTIM	(Biphasic Electric Stimulator)
MAYBEAU	(Facial Massager)

### Physio Therapy Devices

DM 77	(Ultrasound Therapy)
ULTRACOMBI 707	(Ultrasound & Low Frequency)
MIYOPOINT 2	(Electro Acupuncture)
POINTRON 802	(S.S.P. Therapy)
DYNATENS	(NMES)
DM3000	(Low Frequency Stimulator)
AUTOMOTE series	(Low Frequency Stimulator)
INTERPRO 8000	(Interferential Current Therapy)
INTERPRO 8800	(Interferential Current Therapy)
TRACTIGER 202	(Traction Therapy)
DECELL	(Shock wave-ESWT)
DYNAPULSE	(Short Wave Diathermy)
ACUPULSE	(Micro Current Therapy)



### Corporate Office

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### Factory

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1 2 3 4



Medifusion DS-3000/DI-4000



Medifusion DI-2000/2200



Electro Surgical Unit



Meditom DT-300P/400P



## Company Profile

Daiwha Inc. offers a comprehensive medical device service since November, 1979. It provides technical support to ensure a proper utilization of world-renowned medical devices imported to the country. It also exports devices internally produced, such as electro surgical machines and medicine injection pumps, to more than 60 countries.

In 2009, Daiwha welcomed 30-year-anniversary with a completion of Wonju factory equipped with the latest technology. The new factory allowed Daiwha to strengthen its production capabilities and enabled it to focus on improvement of R&Ds and education of young leaders in the company. It is striving to find innovative means to become a front-runner in medical device field based on a years of know-how and frontier spirit. The Daiwha incorporates its motto for excellent customer care, '100% customer satisfaction and 100% personalized service', in every facet of the business, such as staff education and product development. It will reflect the voice of customers in their products and services.

## Products

### 1. Infusion & Syringe Pump (DS-3000/DI-4000)

- Dual ability of Rack and Standalone System
- Drug library
- Drug based Dosage mode
- Anti-Bolus
- Language Configuration
- Auto-Calibration
- Secondary mode
- Easy User Interface
- Feeding for Enteral Nutrition
- Syringe Auto-Reload and Auto-load

### 2. Infusion Pump (DI-2000/2200)

Volumetric Infusion Pump is an essential device for patient care in ICU, ER, and infant unit. It's device for administration of medicine using IV tubes from a small dose to a large dose. It also allows for a periodic administration of drugs.

- Compact design (1.7 kg)
- One touch Bolus and Pause
- Dosage function (auto calculation)
- Titration (rate change during administration) & key lock
- History monitoring function
- Firmware Upgrade Program function
- CE/ISO 13485

### 3. Electro Surgical Unit

Electrosurgical Unit creates high radio frequency and allows dissection and reattachment of body tissues. It was first to be developed in Korea and incorporates knowledge built within the company over the years of experience.

- Daiwha patient Return Monitoring system (DRM) function effectively minimizes incidents of burns on a patient's skin
- Sound strength control of Neutral electrode alarm, cutting and coagulation
- Built-in microprocessor allows for an easy retrieval of information in prints
- A connector to the circuit board prevents electric shock of patients
- CE/ISO 13485



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KneeLove2

FDA CE/MDD



## Company Profile

We, Davinci Meditec Co.Ltd., are one of the Korean manufacturer of medical device, approved by KFDA(Korea Food and Drug Administration) and our new products of KneeBrace("KneeLove2") is developed to help the people who have arthritis on their knee, providing more comfortable & easier daily activities. Our knee brace is not only supporting and fixing the damaged knee joint but also pushing-up the knee joints to reduce the load of weight by specially designed 4-hinged link mechanism.

With this special traction mechanism and design of our products, we awarded Gold Prize at Korea Invention patent exhibition in 2008 & 2009, Silver Prize at Thailand Int'l Invention day in 2009 and Gold Prize at Geneva Int'l Invention Exhibition 2010.

Also we got FDA certificate [Class1], CE/MDD, ISO 9001 & ISO 13485 for overseas market.

Since we have launched this products in domestic market last year, we have got very good reputation from our dealers and customers with it's excellent quality and effectiveness.

Thanks.

## Products

### Product Introduction

Functional Knee Brace with innovative mechanical structure, which provides maximum relief of knee pain and improve the quality of daily life

### Goal / Efficacy

- Maximum comfort for daily activities
- Unloader effect of medial compartment
- Improve Knee joint function and stability
- Help to relieve arthritis pain symptoms
- Delay knee replacement surgery

### Feature & Benefit

- Developed for maximum relief of arthritis pain and designed for user's optimal comfort
- Adjustable straps help to maximize circumferential support
- Optimal Unload-Effect by 4-hinged link structure(Push-Up system) and outside plate spring(Thrusting) for physical correction of the knee joint deformity
- One-touch buckle for easy and tight fitting
- High density neoprene pad and soft cushioned silicon knee pad



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TOT® (Tension Free Obturator Tape)



## Company Profile

Downmedics Co., Ltd. with its all employees makes its best effort to be the 21st century advanced corporate as a total health care provider, serving for improving human health and life with its top class qualified products and services and realizing its corporate philosophy focusing on "Customer Value Creation", "Practice of Ethical Management", "Development of Future Technologies" and "Development of Core Human Resources".

### Company History

- 1996: Company Founded
- 2002: Company renamed as Dowmedics Co., Ltd.
- 2006: Company moved to the current place, Wonju city
- 2007: KGMP, KGIP approved, CE certificate re-approved
- 2010: KGMP, KGIP and CE approval renewal  
(ISO 9001, ISO 13485, MDD 93/42/EEC as amended by 2007/47/EC)

### Vision

To be a total healthcare provider

### Company Motto

Sincerity, Solidarity, Spirit of Creation

## Products

### TOT®(Tension Free Obturator Tape)

- This is an Intra-Vaginal Tape SUI( Stress Urinary Incontinence)
- It is made of a non-absorbable polypropylene Mesh.
- It uses a mesh that is woven in a mono-filament type.
- Shrinkage has been minimize so the mesh is not transformed
- The Needle grip is designed ergonomically so it is convenient to use
- Through a change in the access, the possibility of boring the bladder has been greatly reduced.
- It can be operated in the hospitals that have no cystoscope.
- The operation is simple enough to be finished within average 30minutes.





Furun Medical – Future Forerun

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HnJ-6500A



HnJ-7000



HnJ-1000



HnJ-500

## Company Profile

Furun Medical Inc. strives to create products that customers can trust through efforts for new ideas, innovative technology, and high quality products. Furun's Bio Feedback System allows rehabilitative treatment of pelvis while a patient is still clothed. It's attracting attention from providers both in domestic and international market. It also owns capability to become a global company.

## Products

Furun's Hue & Joy offers rehabilitative treatment of urinary and vaginal muscles. Patients can use the machine clothed and allows a user to control a training level. It strengthens and restores vaginal muscles for aged patients and women after labor. It also improves sexual experiences by training vaginal muscles. In addition, it offers urinary muscle rehabilitation service for patients suffering with various urinary conditions. It's useful for various clinics, such as fitness centers, beauty shops, massage shops, women's clinics and at home.

1. Convenience : used over clothes
2. Maintenance : easy to operate and does not require sterilization
3. Post-surgery application : patients can use the device shortly after a surgery since it does not require an insertion of probe into vagina
4. Training : Exercises urinary muscles
5. Fitness benefits : Stimulates 10kg of pelvic muscles and adds fitness benefits



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- HAPEX No. 01
- HAPEX No. 02
- HAPEX No. 03
- HAPEX No. 04
- HAPEX No. 05
- HAPEX No. 06
- HAPEX No. 07
- HAPEX No. 08
- HAPEX No. 09



## Company Profile

We will continue to realize the customer satisfaction and the healthy lives of the human beings.

- Simulation of the are post-surgery
- One-touch run switch
- Precise foreskin incision
- Minimize the amount of blood loss with pressure function
- One-person operation capability
- Skin cells and blood vessels of penis can be separated
- Preservation of original nerves and blood vessels
- Available in various size (infant, pediatric, adults)

Outside Diameter	Inside Diameter	Thickness	Length
17mm	10mm	2.5mm	179mm
20mm	12mm	2.5mm	182mm
22mm	14mm	2.5mm	184mm
24mm	16mm	2.5mm	189mm
27mm	18mm	3.3mm	189mm
29mm	20mm	3.3mm	191mm
31mm	22mm	3.3mm	193mm
34mm	24mm	3.3mm	196mm
36mm	26mm	3.3mm	198mm

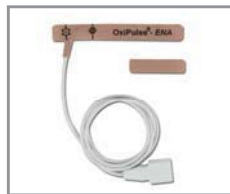


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HeartRode ECG Electrode



OxiPulse SpO2 Sensor



StiMus Hydrogel Electrode : TENS, NMES, EMS, FES



StarDisk Subdermal EEG Electrode



Silicone rubber molded products



## Company Profile

We specialize in manufacturing and developing various medical accessories. Our CE registered factories and office are located in Wonju, South Korea.

With a highly automated factory we are able to offer our customers high quality electrodes and sensors at a price which is competitive in today's medical marketplace.

Products are marketed under the HeartRode®, OxiPulse® and StarDisk® brand names to medical distributors domestically and internationally. We also manufacture to a wide variety of OEM accounts on a private label basis.

Our engineering staff works with customers to understand any unique requirements in order to develop products that reach our customers need, we always place the highest priority on quality.

## Products

### HeartRode ECG Electrode

Heart Rode ECG Electrode a devices that connects to an electrocardiograph and patient monitors for measure of heart conditions.

### OxiPulse SpO2 Sensor

SpO2 sensor is a non-invasive device that attaches to pulse-oximeter or patient monitor and measures hemoglobin counts in an artery, O2 saturation levels, heart rate, and strength of heart beat.

### StiMus Hydrogel Electrode : TENS, NMES, EMS, FES

StiMus Electrode stimulates muscles and nerves through an artificial electronic-wave. It is a device that neutralizes a level of pain with low-frequency and mid-frequency electric wave.

### HeartRode Electrode

HeartRode Electrode is a disposable ECG electrode used to measure the heart's action potential in connection to ECG or patient monitor.

### OxiPulse SpO2 Sensor

SpO2 Sensor is a sensor for measuring blood oxygen saturation, which can measure continuously and non-invasively the functional oxygen saturation (SpO2) of arterial hemoglobin, pulse rate, pulse strength, etc. in connection to a pulse-oximeter or patient monitor.

### StiMus Hydrogel Electrode

StiMus Hydrogel Electrode is an electrode used in low-frequency /medium-frequency stimulators that contract paralyzed muscle by applying electric stimulation artificially through flowing a current from outside the body or relieve pains through calming down excited nerves.





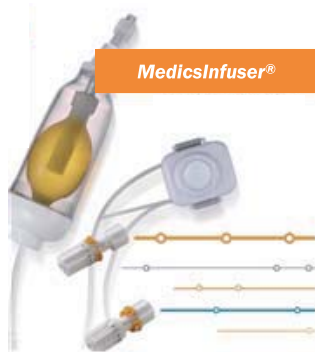
강원도 원주시 문막읍 동화리 1665-2

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Model

Model	Length	Gage
HMN-NVP1113	120mm	11G
HMN-NVP1111		
HMN-NVP1103		
HMN-NVP13		13G



## Company Profile

Hyun Medics focus on to help you achieve breakthroughs in disease prediction, detection, diagnosis and treatment the human body. The company creates innovative products, we work hard to keep our customers happy, and it shows we are very proud that every moment our products help improve people's lives.

## Products

### 1. Vertebroplasty Needle

Vertebroplasty literally means fixing the vertebral body.

A Vertebroplasty specific puncture needle is passed into the vertebral body and a cement mixture containing polymethylmethacrylate (PMMA), barium powder, tobramycin and a solvent are injected under imaging guidance by the physician. The cement hardens rapidly and buttresses the weakened bone.

#### Indications

- Osteoporosis
- Spine Deformity
- Spine Tumor
- Vertebro Compression Fracture

#### Features

- Short Time Operating
- Average Hospital Stay is 1 day or less
- Quick Return To The Activity of Living
- Ergonomics Designed Needle Tip & Handle
- Only Local Anesthesia Required

### 2. MedicsFuser

In addition to continuous drug injection, this product also enables the patient to additionally inject drugs according to the level of pain. Furthermore, this product can be safely used with its lock out time function. Continuous injection and addition quantity can be selected in various forms according to treatment method. Also, this product can be effectively used in extensive areas of drug treatment, such as home care, in addition to post-operational acute pain as well as chronic and cancer pain. Users can gain maximum treatment effects through this product.

#### Application fields of MedicsInfuser

- recovery phase after operation (1~2 days)
- cancer pain management
- severe, inflammatory, or autoimmune diseases
- management of severe drepanocyte
- burn pain
- painless childbirth
- continuous antibiotic injection
- management of pain caused by lesion



Dolki

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Salicid



## Company Profile

- Established company in 2005 and is venture company located in Wonju-city, South Korea.
- Focus on technology electrolyzing brine for applying it to medical, food and livestock uses.
- Has listed 13 patents of 22 submissions in Korea and for the overseas patents, submitted 4 PCTs in 2006 which applied to 25 countries and 1 PCT in 2008.
- Published in medical journal Laryngoscope in Sep. 2008  
Effects of a low concentration hypochlorous acid nasal irrigation solution on bacteria, fungi and virus
- Received 3 new tech/patent awards - NewTech Korea in 2007, Korea Invention Patent & New Health Technology in 2008.

## Products

- Product name : Salicid
- Characteristics : size 41x51x120mm, weight 97gr, voltage 3V, portable medical device
- Application : to treat/alleviate rhinitis and chronic sinusitis
- Operation/ Use : user produces Salicid solution (antimicrobial saline) by electrolysis of 0.9% salt water for 35 seconds activation of Salicid device, on site and then user put the solution into nostrils to effectively reach nasal mucosa within 10 minutes after operation

## Leaders Medical

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1 2 3 4



*Extracorporeal Custom Tubing Pack*



*Blood Cardioplegia Set*

# Leaders Medical

## Company Profile

Leaders Medical Inc. is comprised of knowledgeable field experts on medical devices and specializes in production of useful medical tools since 2004.

The field of medical devices is changing due to rising medium income, aging of population, and increasing attention to preservation of good health. Leaders Medical manufactures and sells medical devices that will satisfy the changing needs of the customers for home and for hospitals.

Leaders Medical Inc. applies customer-centered leadership for continuous renovation of technical and managerial innovation.

Leaders Medical Inc. is committed to becoming the world's leader in medical devices and remains a customer-focused business.

## Products

### Extracorporeal Custom Tubing Pack

This product is a disposable product used in cardiovascular clinics for open-heart surgeries. It is connected to a patient's heart and lung. It's a blood vessel circuit that will function as a blood vessel supplying blood and O<sub>2</sub>. The packet includes arterial filter, tubing that will function as blood vessels, sucker line, a connector that can be customized for a customer's needs.

### Blood Cardioplegia Set

The product is used to administer cardioplegic solution to stop a heart during cardiac surgeries. It can be mixed with blood in 4:1 ratio during open-heart surgeries.



O2 ONE 750/810



Oxsys 4000



Hard Type Pet Chamber



Soft Type Pet Chamber

## Company Profile

Oxygen is normally supplied by inhalation to our body. It combines with hemoglobin inside of the red corpuscle (Bonded oxygen). HBOT machine induces hyper pressure. It can increase the concentration of the melted oxygen in liquid (melted oxygen). The melted oxygen supplies directly to each cell. Adequate tissue perfusion and sufficient oxygen supply are two basic requirements for the body's healing responses. Without these the tissues enter a hypoxic state. Hypoxia impairs many healing processes: collagen synthesis, bacterial killing, angiogenesis, and epithelialization. Hypoxia slows wound healing and favors bacterial growth. HBOT accelerates normal healing mechanisms. The increased concentration of oxygen dissolved in plasma reaches tissues with poor or compromised vascular supply (increased diffusion distance). Tissue oxygenation is also improved as the resultant vasoconstriction decreases edema (decreased intercapillary distance). HBOT stimulates the proliferation of fibroblasts and endothelial cells for at least three days post-treatment. Oxygen is delivered to the tissues at levels that actually inhibit bacterial growth. Tissue oxygen tension has been shown to be the most important local factor affecting oxidative leucocyte killing. HBOT potentiates the activity of many antibiotics and increases their tissue penetration. HBOT decreases the growth and viability of many microorganisms while enhancing antibiotic effectiveness and the patient's immune response. HBOT has been widely used in human such as sports medicine, plastic surgery, and health industries.

## Products

### Steel Chamber, 1 Person Usage

- An intercom inside and outside chamber
- Automatic air pressure control system
- An air conditioner to control temperature inside chamber
- Emergency button to release pressure
- Wide and convenient transparent view window
- Slide type human entry door
- Adjustable timer for therapy

### Aluminum Chamber, 1 Person Usage

- An intercom inside and outside chamber
- Automatic air pressure control system
- An air conditioner to control temperature inside chamber
- Emergency button to release pressure
- Wide and convenient transparent view window
- Slide type human entry door
- Adjustable timer for therapy

### Air-Wall chamber, 1 person / 2 persons usage

- Two controllable pressures, 2psi and 4psi
- Automatic air pressure control system
- An air conditioner to control temperature

# medirune

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## iRune



### Components & Features



# medirune

## Company Profile

“Now, Medirune can create a painless world!”

Medirune co., Ltd, which is a special venture company for medical appliances, has been developing a portable combined stimulation device using Electrotherapeutic Current.

We aim at contributing to improving the quality of life and entering societies by relieving pain in the human body. We will do our best to be an innovate company which is recognized as having the best quality and consumer confidence.

## Products

### I-Rune

- Single click to operate a differentiated program for alleviating pain
- Compact portable medical instrument which users can use thermo and TENS functions at the same time at any place
- Thermo and TENS are the safest method for alleviating pain which have been used in medically advanced countries including the USA for a long time
- High-quality battery used for mobile phones which can be charged with a 24PIN adapter and USB charging cable





## MOW Medical

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**SILICONE RESUSCITATORS**



### Company Profile

MOW Medical was established in 2001 as a professional manufacturer of silicone medical product and have been engaged in this filed more than 10 years.

Our major products are silicone resuscitators, O2 mask, nasal cannula and other disposable product.

MOW has constantly efforts on it's professional field to offer the best quality of products to satisfy our customers, take care patient's respiration and health is our main task.

### Products

#### M.O.W SILICONE RESUSCITATORS

1. Made of high quality Silicone and special plastic.
  - The valve made of special silicone had no resistance
  - The medical grade special plastic parts stand against high temperature
2. Many disinfects are possible
  - Disinfect by bolling / gas / freezing / steam up 136'c / high voltage
3. Economical Efficiency
  - Both of the replacment and the repair for broken parts are possible
4. Oxygen supply is 100% possible
  - Oxygen supply is 100% possible by attaching reservoir bag.
  - Most effects are generated by the least oxygen
5. Easy to regardless and operation
  - The pressure bag of silicone can be re-expanded easily regardless of extreme temperature.
  - The special treatment of surface and handled ball makes the operation so easy.



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NP-100



NP-100고급형



## Company Profile

N-care Inc. was established in 2006. May  
Our company has been c medical treatment instrument and  
physical therapy instrument considering economical value.  
At last. Our company launch a new product (NP-100) about paraffin  
bath.  
and finish new product development during the past two years.  
Meanwhile, on the basis of experience and skilled in the field of  
physical therapy with paraffin We will be doing its best businesses.

## Products

Paraffin bath has dissoived by proper temperature in specifically  
designed for stainless bowl. then treat with directly immersing your  
hand.foot.and joint it is important that maintain a constant bowl  
temperature in 55~60 Celsius degree.  
Developed by N-Care Inc. Paraffin bath (NP-100)

1. It is possible to impalpably contorl temperature by digital system.
2. It is possible timer and a convenient function such as alarm.
3. It is specifically designed for stainless bowl. and you can be  
available to two hands for larger capacity bowl.
4. It is possible adjust that all the time you need by setting timer.
5. It is more safely available to dual heating security senser.

### Product Spec

1. Size : 35,4\*32,5\*50,0(mm)
2. Weight : 19 Kg ( except Paraffin wax )
3. rated voltage : 220V AC/60Hz
4. 최대출력 시 소비전력 : 550w
5. 온도범위 : 60°C ±5°C
6. 온도상승 시간 : 약 6시간
7. 사용시간 : 파라핀왁스용해 후 약 1~2초 담근 후  
약 10초 공기중에서 굳힘(5~6회 반복)

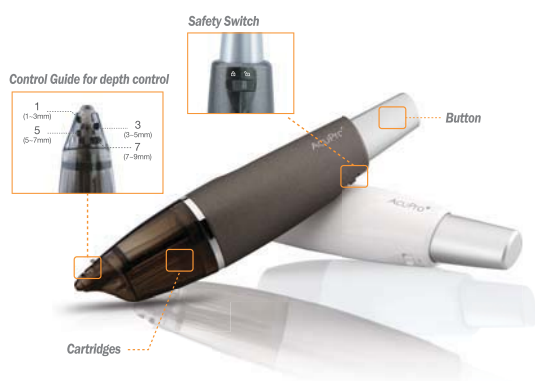


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ACUPRO



## Company Profile

NeoDr Co., Ltd. is a company that develops and manufactures medical devices focusing on the fields related to fitness and ache with creation, passion and new challenging spirits.

## Products

### AcuPro

#### - To save time

You can save time using disposable cartridge.  
You can change the cartridge easily.

#### -To reduce pain & fear of patients

AcuPro reduces the pain of patients because acupuncture is fast.  
AcuPro reduces the fear of patients because they can't see needles.

#### -To work aseptically

You don't need to touch needle during initial needling.  
AcuPro can keep needle aseptical during acupuncture.

#### - To work safely

You can control the penetrating depth easily by using AcuPro guide.  
Safety Switch prevents accidental shooting of needle.



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MC-1



G-7



## Company Profile

ProMedi was found by Dr. Park Jong Chul, an electric engineering professor, under a motto of 'best quality, best service' in March 31, 2008.

ProMedi is developing a variety of medical products based on extensive body of experience and knowledge. Team members at ProMedi has previously experienced with ATSC 8VSB Modulators, MPEG bit stream generators, dynamic ghost generators, portable DTV player, and other communication tools.

ProMedi will respond to the needs of patients in rapidly changing world of digital products.

## Products

### 1. Motor Cross, MC-1

- Passive mode:
  - Speed: 0~60 rpm
  - Motor power: 0~12 steps (Arm: ~7Nm, Leg: ~14Nm)
  - SPASM Control
- Active mode:
  - Exercise resistance: 0~12 steps (Arm: ~7Nm, Leg: ~14Nm)
  - Max. speed: ~120 rpm

### 2. Cross Mass Motion, G-7

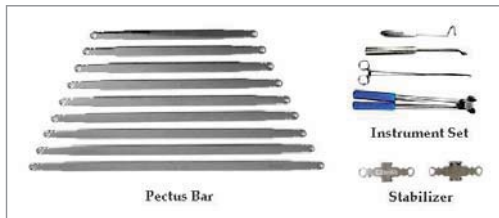
- Passive mode:
  - Speed: 0~30 rpm
  - Motor power: 0~12 steps (about ~14Nm)
  - SPASM Control
- Active mode:
  - Motor power: 0~12 steps (about ~10Nm)
  - Max. speed: ~100 rpm
- P. M mode speed: 0.5~10 rpm
- Exercise time: Continuous, 5~30min. (per 5min.)



CARVAR Set



COMVAR Set



Pectus Bar Set

## Company Profile

Sciencity Inc. is a South Korean medical device manufacturer specialized for the treatment of cardiothoracic diseases; heart valve diseases and chest deformity. Sciencity Inc. is the first company that had a great success in commercializing the comprehensive aortic root and valve repair device out of the excellent medium-term clinical outcomes. Sciencity Inc. also came up with an innovative comprehensive mitral valve repair device employing so-called "lifting annuloplasty", which treats mitral insufficiency, mitral stenosis and combined mitral steno-insufficiency. This innovative surgical technique ensures not only better surgical outcomes to patient but also reduced operation time for surgeon. Sciencity Inc. the first company that solved the 5-decade long problems anticoagulation and durability issues lying with mechanical heart valve and tissue heart valve. Consequently, Sciencity's heart valve repair devices for aortic valve disease and mitral valve disease ensures better quality of life and unmatched clinical outcomes for patients when compared to those of traditional treatment of heart valve replacement. Our objective is to become the leading company delivering excellent surgical solutions and ensuring quality of life for heart valve patients in the world.

## Products

### CARVAR Set

CARVAR is an acronym of Comprehensive Aortic Root and Valve Repair. It is a surgical procedure developed to preserve both the aortic root and the aortic valve. CARVAR can treat not only isolated aortic valve diseases such as isolated aortic insufficiency and aortic stenosis but also combined aortic root diseases such as annuloaortic ectasia, aortic dissection and aortic aneurysm. The goal of CARVAR procedure is to preserve the patient's own aortic root and valve structure by reconstructing/preserving aortic root frame and aortic leaflets as opposed to the conventional heart valve replacement which resects the diseased aortic valve and replaces it with artificial aortic heart valve. CARVAR Set (Rootcon series) is an implantable Class 3 CE marked medical device designed to be used for CARVAR procedure.

### COMVAR Set

COMVAR is an acronym of Comprehensive Mitral Valve Apparatus Reconstruction. It is a surgical procedure developed to preserve mitral valve. COMVAR can treat not only mitral insufficiency, mitral stenosis and mitral steno-insufficiency. The goal of COMVAR procedure is to preserve the patient's native mitral valve apparatus anatomically and physiologically, different from the conventional surgical procedure, resecting diseased mitral valve and sub-valvular structure and replace them with artificial mitral heart valve. COMVAR Set (Mitra-Lift series) is an implantable medical device, which is in process of CE Mark certification, designed to be used for COMVAR procedure.

### Pectus Bar Set

Pectus Bar Set is an implantable medical device designed to be used for treatment of deformed chest wall. Congenital chest defect like funnel chest occurs when the center of the chest anterior sinks in due to abnormal growth of the costal cartilages. However, remodeling is possible with appropriate support thanks to the flexibility of costal cartilage. Pectus Bar and Stabilizer presented here are products used for bringing funnel chest (Pectus Excavatum) back to its original shape. They show several advantages over the conventional operation method, for instance, less invasiveness to the patient's body and relatively simpler operation procedure.

## **SEOHUNG** Mechanism Techniquer

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### Company Profile

As SEO HUNG NETWORK's parent company, SEO HUNG MECHATEC Co.,Ltd. concentrates on creating high quality health beauty products.

Every healthy and beauty products Seo Hung Network endorse have already passed and certified by "KOREA FOOD AND DRUG ADMINISTRATION".

With opening of new factory at 'Siwha Ind. Complex' and creating high quality products, Seo Hung Mechatec Co., Ltd. has earned ISO 9001 certification to bring health and beauty products to every continent.

### Products

- Can choose eight kinds of modes with simple button control
- It's very effective for shoulder, waist, stomach, arms, legs and improved the rhythm program to relieve muscle pain.
- Can use two modes at once with double mode function
- Even if you forget to turn it off, it shuts off itself after 15minutes.
- It's not time control formula but frequency control formula so it has no itch feelings while massaging.
- 1200Hz mid frequency function : Smooth and soft massage shock into the stomach and waist
- LCD equalizaer : Can see the strength of stimulation and speed through the screen
- By channel control function : Two channels are absolutely separated to maximize the quality and feels like two machines for two people use.



## SL MEDICAL

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SLOPT-900



SLGET-707



SLMAS-103



### Company Profile

The company is contributing to people's healthy life through continuous research and development of user-friendly and effective medical equipment and health appliances jointly with governmental and academic institutions, keeping pace with KFDA's international cooperation policies and in preparation for aging society and the well-being age. Furthermore, we are making efforts to continue growth and enhance customers' satisfaction by creating a progressive and stable enterprise through transparent operation. Management and staff of SL Medical

### Products

SLOPT-900 (surgery table) - second class type-B  
DENMARK LINAK operating system

The surgery table has four plates on the top, and three of them can be operated separately. The table can be adjusted using hand and foot controllers.

The controllers register signals for operating cylinders on the surgery table.

SLGET-707 (Observation table for OB-GYN) to be released  
- second class type-B

type-BLINAK, DEWERT, RUNYES operating system allows for an easy and simple control. A back board can be adjusted for different angles and cylinders can be operated with a foot controller. A seating board can be adjusted for height. [A customer can select a color and seat can be exchanged per a customer's preference.]

SLMAS-103 (Massage table : portable) - to be released  
- Maximization of massage effect using strong solenoid board  
- Maximize a benefit of cap massage with a foot massager  
- Vibrating motion lifts the waste area for stretching effect  
- Operation of solenoid in opera rhythm

#### Device in use

Oriental medicine clinic : used for muscle massage before/after treatment

Fitness club : used to relief muscle tension from strenuous exercise

Dermatology / Cosmetic clinic : foot massager used during skin massage



**SUNGKYUNG  
MEDICAL**

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1 2 3 4



Hurricane119



## Company Profile

Global leader of spine and pelvis rehabilitation devices SUNGKYUNG Medical Inc. specializes in production of rehabilitative exercise equipments for spine and pelvis treatment. Sunkyung's Hurricane 119 was submitted for patent approval twice and demonstrates the company's knowledge base for innovative designs and technologies. Sunkyung will grow into a global leader that contributes to improving quality of lives for the customers.

## Products

Hurricane 119 stretches spine and offers rehabilitative services to strengthen leg muscles, spinal cartilage and muscles that support the spine. It is innovative rehabilitative exercise equipment for treatment of spinal injuries.

- 1) Uses sound-proof linear actuator-based cabinet in the leg room for an optimal treatment environment.
- 2) Mats that come in contact with the patient's skin are made with special marble sponge filled vinyl.
- 3) Back section and leg section can be easily operated with a switch for an easy operation by anyone.
- 4) Back section allows elevation of 80 degrees and decline up to -10 degrees for maximum benefits.





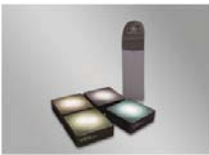
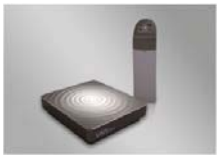
**TAEYEON**  
Medical CO.,LTD.

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## Company Profile

TaeYeon Medical Co., Ltd, has developed a Smart VAIV Healthcare System, based on the anatomical technology and the development experiences of human technology for 20 years, as a specialized company for orthopedic implant.

VAIV Healthcare System is an advanced concept healthcare system for which the patients can recover fast, through the most stable training and systematic rehabilitation.

## Products

### Smart VAIV Healthcare System

- Computer Control System
- Smart VAIV Healthcare System
- Balance Sensor
- Smart Card
- Hi-end Digital Amplifier & SMPS
- Control by Microcomputer System (MCU)
- Smart VAIV Healthcare System (Software Program Available)
- Smart Card
- Hi-end Digital Amplifier & SMPS
- Remote Controller

### The World First Sonic Vibration Tilting Table

#### VAIVCare TB-1

- Visual Biofeedback & Vibration Rehabilitation
- Faster Recovery for the Brain damaged Patient
- Stimulation the cells in the body, Auditory and Visual Organ, combined Vibration and Cognitive Therapy
- Delivering sonic wave vibration into the body through Separated & Synchronized Vibration – 2way vertical vibration

#### VAIVCare BP-1

- Effective Rehabilitation & Gait Training System after Surgery
- Vibration Gait Training for Rehabilitation
- Effective Stimulation for Degenerated Articulation, Ligament, and Tendon

### Optimize Active Exercise, Stability and sensorimotor training system

- Used in combination with various power training equipment
- Effective Group Exercise
- Control by VAIV Healthcare System



## Blue M Tech

Unit 303, 304, Oriental Medical Device Production Center, Woosan-Dong, Wonju-Si, Gangwon-Do, South Korea

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Premium Wave



Water Gel



### Company Profile

BlueMTech specializes in ultrasound R&D. It's a young venture company that has developed a pain management system combining ultrasound and RF. It is also in a process of researching for a new design using solid-gel pad.

A need for pain management diversifies with an aging population and a need to improve quality of life in today's society. The cost of pain management is rising as the number of people in demand of pain management tools increases.

BlueMTech's comprehensive pain management system has a patent using two-1MHz ultrasound probe and RF probe. It is a high technology Output Display System(ODS) system with a simultaneous display of ultra sound power and sound field power.

BlueMTech is testing application of using solid-gel pad, first to be developed in Korea, and is also focused on Transdermal drug delivery system (TDS).

BlueMTech is committed to becoming a specialist in TDS based on a combination of the latest ultra sound technology and bio technology. It will also grow into a global leader based on continued efforts in R&D and a development of medical systems.

### Products

#### Ultrasound Solid Gel Pad " WATERGEL "

BlueMTech, the first developer of high tech ultra sound machine, developed a solid gelpad from a liquid-based ultra sound gel. It uses know-hows accumulate from years of experience.

BlueMTech aims to develop the gel pad which is useful in treating concaved or curved body parts that are traditionally difficult to capture with other ultra sound gel. It continues to create the gel pads that are useful, applicable to multiple areas, and easy to use.



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E-5

## Company Profile

Recent development in medicine led to aging of population in Korea as well as the world.

Aged population increased a need for more orthopedic research on artificial joints. Increase in the incidents of orthopedic procedures brought attention to an importance of proper washing protocols of artificial joints. Caleb Inc. specializes in a development and a production of surgical cleaners suitable for Korean body features. It has analyzed appropriate designs of devices with a proper combination of flux and pressure.

## Products

### 1. Products

- a. Name : Clinical Cleaner (vibrating motion)
- b. Unit classification number : A65010
- c. Class : 2nd

### 2. Model : E-5

### 3. Features

- a. E-5 cleaner removes dental debridement and cleans surgical and treatment areas
- b. Provides aquatic solution-based cleaning of cuts and removes debridement from skins on skin burns.

LOHAS COMPANY, COHAS!



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South Korea

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LOHASTER



## Company Profile

Cohas Inc. specializes a development of medical ozone cleaner. It's a young venture company that aims to proving the best quality products and services.

### Speciality

- Medical cleaner, disinfectant
- Plasma application technique
- Dental devices

## Products

Cohas'cleaner sterilizes medical equipment using ozone, created with water and electricity. The device does not use any heat nor any cleaning solutions. The device also includes an ultrasound machine that adds cleaning feature to the sterilization process. It's environmentally friendly. It is safe to use and has a very low maintenance cost.

### Simultaneous sterilization and cleaning

Machine performs sterilization using ozone and cleans using ultra-sound at the same time in 45 mins.

### Sterilization in low temperature

Water below 30 Celsius degrees and dissolved ozone used for sterilization. No damage to the equipment.

### Reduction of maintenance cost

The device creates ozone with just water and electricity. There's no need for any supplementary items. The electric bill for each use is below 1,000,000 won.

### Environmentally friendly Lohas item

No need for harsh cleaning solutions.  
Ozone concentration is below 1/3 of acceptable level.  
It's a safe and environmentally safe sterilization system.

## DAE KYOUNG IND.CO., LTD

MEDICAL  DREAM

Dae Kyong Building, 38-1, Choil, Hanam,  
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MD-5000



KMD-8888



## Company Profile

Customers' satisfaction is a prerequisite in today's competitive business environment, and therefore we are fully committed to providing quality product / services to our customers. DaeKyong will give continual adherence to develop products that will benefit your health and your future. Our success depends on your satisfaction. Dae Kyong Ind. will do our best to make your life happier and more enjoyable.

## Products

### MD-5000

- Diverse medical massage programs are built-in
- Automatic massage for health management
- Automatic massaging to alleviate the fatigue of the entire body
- Automatic massage to mitigate minor muscle pain

### KMD-8888

Urine that it is called a second blood tells us so many information of our health state.

If analyze the component and the state of Urine, we can grasp the endocrine system condition and urinary system condition of our body. Generally, urinalysis is conducted by discrimination of an expert about a changing of a strip color. But non-expert is difficult to reading a color exactly, because the strip color variation can be evaluated by subjective decision. Urine digital reader is a healthcare device that Daekyoung Ind. co. takes a technology transfer from the Electronics and Telecommunications Research Institute, and is under the manufacturing process. It can help us verifying the urine analysis results exactly. As this device shows the simple symbol as the result of the strip reading, a user can figure out one's health conditions. This device checks 10 items that is the most important in the urine examination and can represent a body state.



*i-scope200*



## Company Profile

The thrills of doctors when the stethoscope was first invented were reproduced by the i-scope 200 digital stethoscope. When the stethoscope was invented 200 years ago, doctors' hearts fluttered with excitement.

The stethoscope has been connecting doctors and patients since and become the start and end of medical service. However, there are lots of sounds that doctors cannot hear through the rubber tubing of the current stethoscope :

- Bruits caused by the rubber tubing, - Ambiguous faint pulse beats
- Inaccurate sources of sound

The i-scope 200 digital stethoscope is an innovation of the stethoscope providing crystal clear sound. With the i-scope 200, you can even feel the delicate rhythm of nature just like you feel refreshed when you wear the right eyeglasses for the first time. The high-tech digital stethoscope, i-scope 200, is designed to listen to the sounds of the body clearly and also to distinguish between the sounds of each organ separately. In particular, since the i-scope 200 was developed for the purpose of medical diagnosis only and a special filter that is able to select specific frequencies is used, the beating sounds of the heart, lungs, abdomen and other organs can be amplified and the diagnosis becomes more accurate. In addition, a new material with extra softness is applied to the earphone so that your ears do not hurt at all even after using the stethoscope for a long time.

The stethoscope has a 200-year history.

The next 200 years from now will be the history of the i-scope 200 digital stethoscope.

## Products

### i-scope200

The sound tone of the stethoscope, which has been used for the last 200 years, is now changing.

- Convenient operations using the One-Touch button
- No earache caused by using the stethoscope for long periods
- 3 selection modes (heart, lungs, abdomen)
- Examination of even the most delicate sounds
- No resonance effect from the stethoscope tube
- Examination through clothing



ENERGY Plus<sup>+</sup>

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AWESOME



## Company Profile

Being a dentistry research and development from the pure medical treatment complex.

The professional factory newly rising Shinhung MST Company Limited circumferential factories for dentistry which is being actively developing, manufacturing and commercialize with Korean advances recognition and overseas market information for an up-to-date medical device enterprise.

The pure circumferential up-to-date medical device which is proud the location of optimum with the medical device manufacturing plant puts out only and to be located state-of-the-art facilities with test equipment and production machine.

## Products

### High frequency knee joint therapeutic apparatus

A high frequency system that relieves knee pain using the appropriate frequency band

#### Features

- Pain relief function using deep heat
- Can be applied to dysesthesia
- Automatic control of high frequency system
- increases elasticity and flexibility of knee from the repetitive muscular contraction and relief technique
- Effective for physical damage from sprain or gout patient

#### Differences from general products

- Considering variation of size and characteristics of human body and simple appearance
- Optimized ergonomic design and development of flexible electrode
- Provides user interface adding safety and convenience by applying remote and touch screen
- Brand new convergence technique applying sensing to HF system



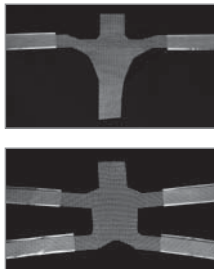
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Ligature/mesh, incontinence



Mesh, polymeric,  
non-biodegradable



Single-Use Surgical Drape



Guardix



Medifoam



## Company Profile

GENEWEL BM Division is one of the subsidiary companies which manufacture adhesion barrier, Guardix and wound dressing, Medifoam.

GENEWEL BM Division manufactures & supplies MESH products for the GYN / Urology surgery and Surgical drape products as the medical disposable for the general surgery.

We do our best to contribute to public health by providing the perfect condition of surgery and minimizing the infection risk with endless technical development.

## Products

### 1. Incontinence Mesh

For the healing of female incontinence (more than 90% of total incontinences) and it supports urethra to make it in a proper position after being inserted.

### 2. Non absorbable implantable Mesh (Cystocele, Rectocele)

For the healing of cystocele and rectocele caused by weakened muscle supports bladder and recto. It's inserted & fixed between vagina and bladder or between vagina and recto.

### 3. Disposable drape

A disposable drape made of SMMS (PP) and it can provide the perfect condition of surgery due to excellent water repellent and air-permeability.

### 4. Other Products of GENEWEL

- Guardix (adhesion barrier)

Made of bio absorbable material which protects from unusual adhesion between tissues or organs which are supposed to be separated. It can be available to all surgeries and no pyrogen & toxicity.

- Medifoam (wound dressing)

A hydrophilic dressing which consists of 3 layers and can be applied to burn, ulcer, abrasion. It helps reducing healing period by providing a moisture environment without scab.





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SUANAE



GP-500H



## Company Profile

The Company That Places The First Priority On Customer Satisfaction!

The Company That Pursues The Highest Quality!

GOODPL INC. Is A Company Specialized To Produce Medical Devices. It Has Constantly Devoted Itself To Developing And Providing Various Kinds Of Brand New Specialized Equipments Including Physical Therapeutic Equipments, Water Pressure Massage Devices, And Rehabilitation Equipments.

With A Goal "To Develop State-Of-The-Art Medical Equipments And Improve All Its Customer's Health"

We Promise To Advance Forward With Our Original Intention Aqain To Realize "MEDICAL UTOPIA."

## Products

### AQUA-BED WIN/PREMIUM

'SUANAE' is a dry type hydro physiotherapy apparatus, using water pressure through nozzle inside the water tank. The SUANAE massage unit contains 2 rotating hydro jets placed from the neck to the calf. You lie, fully clothed on the dry table water filled full body length. As you float upon this, the table pressurized water is pumped to the 2 jets producing a vigorous, rotating hydro massage. The combination of flotation, heat and massage induce a state of total relaxation that has to be experienced to believe.

- Low power consumption 2.2Kw [competitors has 2.4Kw~4Kw]
- High quality with Korean made pump
- Patent for massage nozzle delivery device & massage spraying pattern
- Possible to use big sized customers
- Light weight
- Strong water pressure level up to 6.3Bar
- Easy to use & luxury design
- Good to Rehabilitation, Physiotherapy, Slimming, Lipolysis

### GP-500H

GP-500H allows for accurate generation of signal frequencies through the use of digitized medium frequency signals. Treatment effects have been maximized through the use of such signals by programming the signals to accommodate different conditions by adjusting the treatment duration. It is also possible to use fixed currents using this device, which enables distinguished treatment functionality

- Selective use of suction pottery cups and pads
- Adjust voltage as 0.2V precisely
- Hold blocking the instant over current
- Safety function[Zero start method, over current-preventing circuit



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*HyDro water ionizer*



*moldokebi chlorine-remover*



## Company Profile

Knowledge-based industries are rapidly developing as the world undergoes transition using high tech-semiconductor technology and biotechnology. Domestic biotechnology market is shifting from quantity-based to quality-based field. Unstable conditions in the world market place and rapid growth of china are attracting companies to invest in R&D productions. Korean government and corporations have joined the race as well.

HDr Inc. is releasing new biotechnical products developed using its own R&D resources and using resources pulled from biotechnology department in Yonsei university. Biotechnology is becoming a stepping stone into the new future for Korea and is also essential in ensuring a bright future for our children. Team members at HDr will continue the investment in R&D and education into making quality products. Value of honesty and trust is embedded in every endeavor in HDr.

## Products

### HyDro water ionizer

It's a device which creates alkali ion water between (pH) 8.5 ~ 10.0 from drinking water through electrolysis, and creates alkali ion water of hydrogen ion concentration of (pH) 9.5+0.3 for drinking purposes, and helps improvement of gastrointestinal symptoms (chronic diarrhea, indigestion, abnormality within stomach, excessive stomach acid)

### moldokebi chlorine-remover

- Removal of chlorine in water
- Preservation of hair condition with constant washing
- Filtering of bio-toxins
- Clean washing for whiter clothes



## Hyundai Meditech

3-203, Taejang Medical Industrial Complex,  
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Meso-Pri



Maestro



### Company Profile

Hyundai Meditech is developing medical devices in consideration of human body. It relies on domestic technologies. Hyundai's items have been recognized for benefits and a convenience of customization per treatment plan. Hyundai produces items using automated process. It is investing resources to create products that will maximize customer satisfaction and gain competitive edge in the market. Hyundai will continue to move forward to globalize its items world-wide.

### Products

#### Meso-Pri

Meso-Pri is an automated medication feeder that administers drugs on schedule. It's often used in obesity, pain management and hair loss treatment clinics. Wireless feature allows for an easy transportation of the equipment. This also reduces a potential danger of electric shock for using the device. Meso-Pri also creates less noise than other brands. It's also economical as it reduces wasted medications.

#### Maestro

Maestro maximizes the benefit of high frequency stimulators. It adds cooling effect at the end of the treatment, and this reduces the pain level a patient experiences. In addition, it's built to use high frequency electro nodes along with electroporation electro nodes. This feature reduces irritation and pain for more optimal pain management experience.



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### *BlingBling*



Acne Therapy Device(BlingBling)



Acne Therapy Device(Bling-mini)



## Company Profile

It's difficult to manage health in today's busy life-style. This trend calls for a convenient means to monitor and treat one's health condition on the go. Cairos Inc. offers medical services that offer convenient use of mobile medical devices. It will focus on R&D of innovative products ranging from mobile medical devices to specialized medical devices that improves health of customers. Thank you.

### Features of Product

- One day solution that offers over 90% effect within 24 hours
- Cost-friendly care that eliminates replacement of tips
- Improvement of results with ceramic tip
- Mobile thermal shock device without any added artificial chemicals
- Fast and convenient recharge of batteries

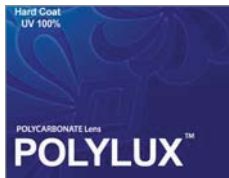
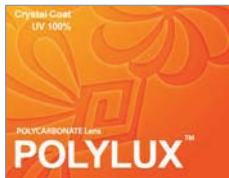
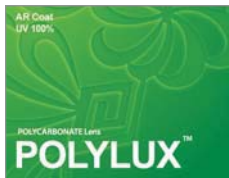
### Certified

- ISO 9001
- ISO 13485
- KFDA
- CE0470

# PolyLens

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## Company Profile

Hankook poly-optical Inc is a leader in optical business with 25 years of experience in Korea. It is striving to become a leader of optical market in Korea through an investment for innovation.

Hankook imported a 'Poly-carbonate lens' technology from the United States of America and has since worked on producing poly-carbonate lens with technology within the domestic market.

Globally, market of poly-carbonate lens is growing rapidly. Team members at Hankook are committed to technical innovations. Hankook will continue its efforts to place itself in a competitive position with top brands in the poly-carbonate lens market world-wide.



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# KOSCO

## Company Profile

Kosco Co.,Ltd. was founded in 2008. We aim to become a global leader of rehabilitation medical industry. Our factory is located in Wonju city which is famous for medical equipment in Korea.

We succeeded to develop rehabilitation equipment in which a bi-direction gear is used. Our company made this particular gear and got a patent for this gear. It is good for the increase of power around the knee-joint.

Kosco Co.,Ltd. finished KGMP (Korea Good Manufacturing Practice) registration in 2008. We are proud of ourselves for being the top of manufacturers in the medical market.

We promise that we try our best for the customer's satisfaction and high class quality continuously.

## Products

### Bi-direction pedaling Rehabilitation of knee joint K3200

- One-of-a-kind, various 5-level seat bevel Angles(from 9 to 45 degrees) for creating The best of both upright and recumbent
- New-technology silent magnetic resistance system without interrupting intensity workout

### K6500

- Exercise upper body & lower body, and the cycles go simultaneously or independently (not synchronized)
- Seat can be adjusted forward & backward, high & low

### K7200

- Seat handlebars with quick-access resistance [+/-] keys & hand-held pulse sensors
- The easy-to-operate adjustment bar to move the seat forward and backward
- Walk-through design to get on/off easily
- Hidden 3 PCs cranks inside Crank



## Company Profile

Mcure specializes in a production of medical devices using patented pneumatic system technology. Along with meso-gun used for meso-therapy, Mcure is also producing medicine pumps that minimize a loss of medicine during administration. A user can control the amount of medicine to be administered. We take a pride in developing high quality medical products that benefit both the patient and the population health. Such management mind has enabled us to become a front-runner in the field of obesity treatment and cosmetic dermatology. We take a mission in utilizing our knowledge base, technical capability and creativity to improve overall health of the population in Korea. We created standards for serving our customers with excellence in quality and in customer satisfaction. We're committed to stay with our customers in a journey to creating a healthy life.

## Products

### 1. Auqagent Pro

- Perfect Drug Delivery System.
- Drug injection available 5 pin multi needle use to reduce medical procedures.
- Drug Loss almost 0%(Adjustable delay time)
- Any Body Any Drug
- One Touch Easy Display
- AMTS(Automatic Micro needle Therapy System)

### 2. Auqa Free

- Portable type
- Drug injection available 5 pin multi needle use to reduce medical procedures.
- Perfect Drug Delivery System.
- Any Body Any Drug
- One Touch Easy Display
- AMTS(Automatic Micro needle Therapy System)

### 3. CARBOMESO

CE guarantee of essential production for Obesity, Skin-care, scalp treatment and pain shots

### 4. Carbomeso -G

- Synergy effect with carboxy and mesotherapy (Two function of one machine)
- Very easy and useful application by gun
- Injecting drug and Co2 at the same time
- Injection Co2
- Injection Drug
- AMTS(Automatic Micro needle Therapy System)



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## Company Profile

Medicon Co.,LTD. is medical & cutting edge beauty care manufacturer and research intensively for Skin beauty. We are committed to working for your beautiful skin & healthy life based on the notion of F.H.S.E (Friendly & High-tech & Simple & Easy-operation).

We recently launched "CLEANE" which is acne therapy device with developed with our own world first BT Technology. CLEANE has been created with design of modern style which have both as acne treatment function and as cosmetic skin care, which is strictly produced by conforming to international quality standard's norm.

We, Medicon Co.,LTD assure to continue R&D for your beautiful skin and making CLEANE global brand. Looking forwards to having your continuous interest & love.

## Products

### CLEANE

Certificate : ISO 9001, ISO 13485, CE MDD, KFDA, GMP

- Treatment time ( one time application) is only 2 minute 30 seconds
- No side affects unlike medication, safe to use
- Minimize scars during pimple treatment
- Used in a simple manner anywhere without visiting hospital
- Small, compact, and easy to carry around
- Tip replacement is not necessary. Semi-permanent and economical
- Quickly charged (45minutes) with a power adaptor and a USB cable
- Strong treatment effect with the new BT technology



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Contact lenses and other cosmetic optical lenses

## Company Profile

We Neo Vision, established in 1993, is the leading contact lens manufacturer especially producing cosmetic soft contact lens. We were nominated as venture, technological innovative, future frontier company from Korea SMBA association. We obtained many quality control certificates such as KGMP, CE, ISO13485, SFDA from various institute, notified bodies in multiple countries and are holding original patent, design certificate as intellectual properties.

Now we are manufacturing various kinds of products and keeping mass production system using our specialized and outstanding casting molding and semi casting molding method, in 2 factories located in Icheon and Wonju city. With these facilities, we operate outstanding quality control system and achieved excellent product quality. We are continuously growing up in global market with our 60 distributors in 50 countries in the world.

## Products

We produce conventional transparent soft contact lens and variously designed cosmetic color contact lens. We apply our N.S Technology during production covered by original patent, and this method totally prohibits from potential hazard, existing side effects and decolorization of cosmetic contact lens.

This technology is Neo Vision's specialized inside printing method; it is harmless to human ocular and prevents decolorization and corruption of color. With this technique, Neo Vision has had great reputation from market for its complementation of cosmetic contact lens.

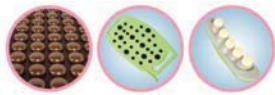
The feature of our products is naturalness which looked like real human eye. With this outstanding design, our representative model named "DALI" and its sequel "DALI EXTRA SERIES" became the best selling products among Asian market.

Meanwhile, Neo Vision's multi purpose solution for soft contact lens named "Neo Plus" and "Neo Plus Gold" have been well received in the domestic and overseas market place.

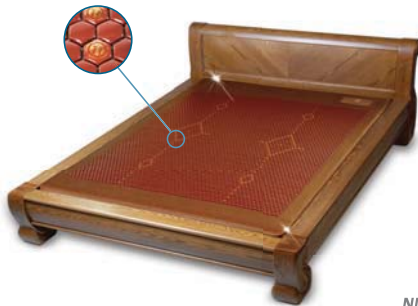


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NM-5000P



NM-2500



MARS-1500



## Company Profile

Luke Medicaldevice Inc provides services to customers under a mission to "contribute to population health." Luke carries its mission statement in excellent technical skills and services it offers to customers. Luke is a growing venture company that adapts to rapidly changing environment since its start in 2003.

Luke is a business leader with a valuable corporate culture using an experimental marketing. Its creative marketing strategies based on lessons from previous experiences have earned positive approval from customers world-wide. Luke's success is a proof of its continuous effort to listen to its customers through experimental marketing.

Luke focuses on developing valuable products and services for customers. Luke's medical-cultural services allow it to deliver unique medical devices and medical education to its customers in the 21st century. It's striving to imprint its name among leaders of medical devices world-wide. Luke will become a company that produces devices optimizing medical lifestyle of its customers.

## Products

### MARS-1500

U-ARM under a new concept Digital X-ray camera

- Differentiated from the CCD method due to the use of a TFT Panel Detector.
- Possible of filming the entire parts over the human body with the use of a detector.
- Image filming software to make convenient workflows.
- Automatic universal arm (U-Arm) Remote Control
- Excellent image quality

### NM-5000P

Item for all the family members!!

Personal combination heating and low frequency stimulator which combines acupressure and heating as a spinal rolling massager.

- It provides with its tormanium ceramics.
- The splendid design works well with any interior decorations.
- Partial management is possible with the separate external light projector.
- The main mat and subsidiary mat are horizontal, which can be used in a more convenient way with the attachment of a handle for three-step adjustments in your desired angle respectively in 10, 20 or 30 degrees.



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OC-12000



OC-13000A



SWCHA006



SWCHA007



## Company Profile

O2 Care Inc started as a company specializing in a sale of alkali water heater in 1995. It has since transformed a manufacturer of hydrogen purifier with a patented technology in September 2005. OC-12000 model marks the first of the kind, and OC-12000A and another model represents hybrid of knowledge-base with Hitachi Inc in Japan. The items have earned GMP rating by Korea's food and drug administration, representing high quality of the devices. O2Care has successfully signed a contract with Samsung Digital Plaza and Hyundai Department store for a sale of the devices. O2Care is also expanding its presents globally through a partnership with China's Zongyuan Technology and Trande.

## Products

### Benefit of Alkali water

- Purpose of home-based alkali water heater : Alkali water is used for drinking and acidic water is multi-purposed, such as water for cosmetic care
- Benefits recognized by Korea's food and drug administration : chronic diarrhea, indigestion, stomach problems, overflow of stomach acid improvement- treatment device for stomach problems.

### Features

- Electrolytic bath from Japan's Kyushu Hidachi Maxel attached
- Display of ph level/ ORP pressure, temperature, filter on a large LCD screen
- Produce high degree of purified water using a special ion change wall upon electric process
- Auto cleaning of the purifier keeps the components clean
- Environmentally friendly using submersion and double-layers hose
- Seven pH-level menu
- Amount of water is checked using internal memory system. Alarm for exchanging a filter is displayed on a LCD screen
- Water, alkali water and acidic water can be selected for every function button
- Safe purification process using 2-filter system
- Sediment filter/ active carbon filter/ Gurenai post active carbon imported from Japan

## Head Office

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## Seoul Branch

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4



SM-800P



SM-250



SM-850P

# SamsonMed

## Company Profile

Samson Corp. manufactures and sells the medical equipments for physiotherapy and rehabilitation. Established in 1987, The company produces an extensive range of medical equipments, as well as Low frequency stimulators and ultrasound equipment under its own brand name.

Since its establishment, the company has continued to invest in research and development in order to improve the quality of the controllers used in its electronic devices. So we could develop the high-qualified medical devices. Our accumulated technologies and experience guarantee the highest quality products at a very competitive prices. Samson corporation is a limited company with registered in Kwangmyung-city of Kyunggi-Do. We have two R&D centers which are located in Kuro digital complex of Seoul and Wonju high technology techno valley in Wonju city. We employ more than 20 employees, including eight high- skilled engineers and 3 quality assurance staff.

Our total annual sales are USD3,300,000, 10% of which shall be invested into the company for research and development. We are happy to accommodate your requests regarding any of our products, and can meet your specifications concerning low frequency stimulator or compounding stimulator.

## Products

1. Ultrasonic stimulator : SM-250
2. Suction TENS : SM-230
3. Auto TENS : SM-220
4. Interferential current : SM-850P
5. Combined stimulator : SM-200
6. Combined stimulator : SM-800P
7. Electric stimulator : SM-900
8. Surface acupuncture : SM-920
9. Microwave : Radarmed 2500 CP
10. Laser therapy : Lasermed 2200
11. Magnetic therapy : Magnetomed 7400

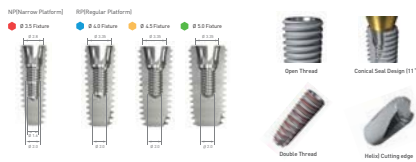


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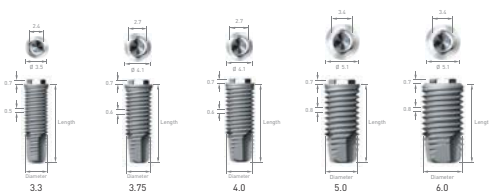
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**Submerged Type Implant**



**External Type Implant and Abutment**



**Company Profile**

Being a dentistry research and development from the pure medical treatment complex.

The professional factory newly rising Shinhung MST Company Limited circumferential factories for dentistry which is being actively developing, manufacturing and commercialize with Korean advances recognition and overseas market information for an up-to-date medical device enterprise.

The pure circumferential up-to-date medical device which is proud the location of optimum with the medical device manufacturing plant puts out only and to be located state-of-the-art facilities with test equipment and production machine.



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## Company Profile

Spatech aims to become the leader in obesity clinics, skin, beauty and healthcare.

With our experienced staff and unceasing R&D efforts, we have registered three domestic patents and ten utility models at the patent office.

At the present, we are a highly-competitive small company producing and selling medical and esthetic devices in Korea.

We will always listen to the voices of our customers, and use their valued opinions to better provide the finest in post&pre services. We guarantee provide endless endeavors to build customer loyalty and trust.

Spatech will march forward, Providing distinguished, professional service to ensure 100% customer satisfaction.

## Products

rolling with strong decompression and rhythmical vibration, a client can expect smooth and healthy body as it disintegrates Cellulite and gives elasticity effect at the time.

its hot function promotes metabolism, activates immune systems, and increases natural healing ability. this helps enhancing blood and lymph Circulation.



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## Company Profile

" Harmony between Sound and Humans "

Always bearing our philosophy "Create Valuable Life" in our mind with the spirit of pioneer, TS Meditech is making rapid progress toward the world market in order to realize what people have dreamed about.

Being the holder of source technology named Turbosonic Therapy System, we are placing the most emphasis on the development of new technology which can be used as the driving power for next generation particularly for the sake of longevity and wellness of humans.

## Products

### Turbosonic

Sonic wave, vibration energy, produced from the plate spreads to the whole body stimulating muscle fibers (muscular cells)at intensity higher than gravity for fast and strong muscle movement(contraction and relaxation), This improves muscular strength in short amount of time than any other forms of muscle toning workout.

Also, it stimulates blood veins in the body to promote active blood circulation.

Sonic wave also improves elasticity of tendons and ligaments, which are difficult to exercise, and enables movement of not only the major body muscles but small muscles such as facial muscles or pelvic region which are difficult to tone using ordinary weight training as well.



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## Company Profile

2003. 12 Established SN Logitech Co.Ltd.,  
2004. 01 Contracted with B.Braun Korea for Device Logistics  
2009. 02 Changed Corporation Limited 'Yuwon meditech'  
. 06 Acquired manufacturer license from KFDA  
Acquired product license 'U-TRACTOR' from KFDA

## Products

### U-TRACTOR

Designed for soft tissue retraction, the U-TRACTOR provides circumferential retraction while protecting the wound from contamination. For open surgery, the U-TRACTOR provides maximum exposure while minimizing the incision size. For laparoscopic surgery, the U-TRACTOR is instrumental in offering retraction and protection when an organ or specimen requires removal through a small incision.





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## Global Brand, Bluvance

Making representative medical equipment brand in Korea. Supporting Medical equipment manufacturer in Gangwon province. Being TOP 10 medical equipment brand in the world.

Supplying innovative, ergonomic & life save medical equipment to improve the quality of life & extend the human life.

3 Models will be launched in early 2011 to world market in cooperation with 3 medical equipment manufacturers in Gangwon province.

### MULTI INJECTION SYSTEM

- Inject exact amounts & level of injection with a multi needle or 1 pin needle
- Vacuuming system - prevent skin moved back from injecting special solution or serums
- Inject from low viscosity to high viscosity
- MTS operation with a multi needle function to separate the epidermal skin & the thick skin

### MULTIPOLAR RF

- Non-Invasive & Non-Surgical Lipoplasty with RF energy
- The Spirit of Skin Rejuvenation for Skin Tightening & Body Contouring
- Multipolar RF technology focuses the RF energy in the target area
- Using much lower energy than other RF technologies
- No pain during the treatment

The Gangwon Medical Equipment Show (GMES) is an annual exhibition and trade fair that brings together various medical equipment manufacturers to the Gangwon province. GMES has been successfully held since 2006 attracting visitors each year from related industries in and out of Korea. GMES presents more promising business opportunities to both the exhibitors and the visitors.

2012 7th  
**GMES**

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7th GANGWON MEDICAL EQUIPMENT SHOW

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**October, 2012**  
Wonju, Korea

**Exhibition Items**

- Medical equipment  
ECGs, Ultrasound, MRI,  
Patient monitoring system,  
EEGs, EMGs
- Orthopaedic/Prosthetic goods
- X-ray apparatus



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