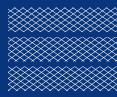
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KOREA Medical Device Companies Directory Book 2020









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# KOREA MEDICAL DEVICE

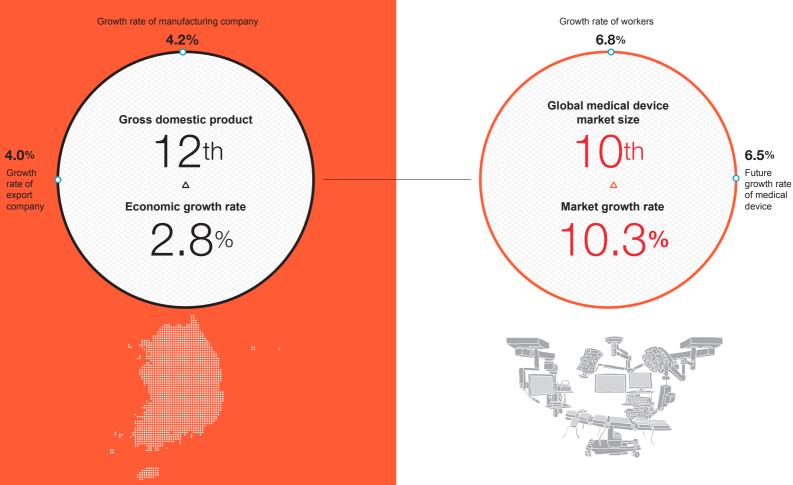
KOREA Medical Device Companies Directory Book 2020





# Korea Medical Device Industry

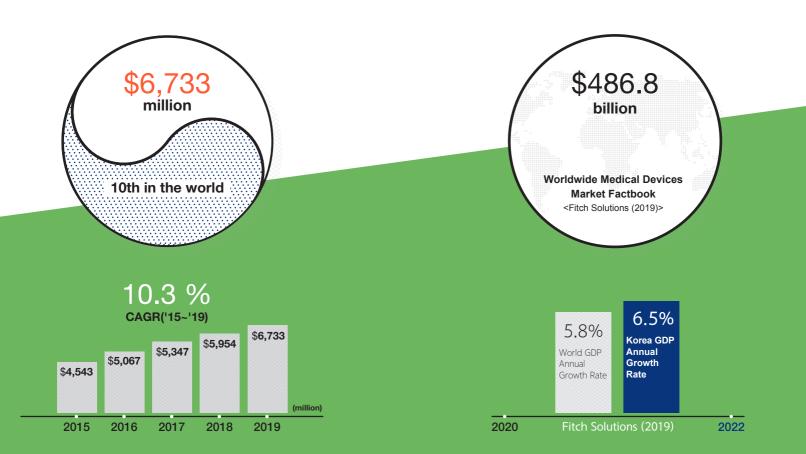
With an economic growth rate of 2.8% compared to 2018, it achieved the 12th largest GDP in the world, and recorded remarkable growth in the medical device industry centered on advanced technology.



# Korea Medical Device Industry

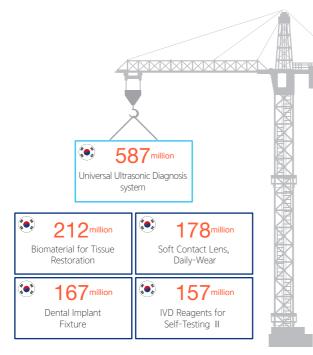
The medical device market in 2019 was 6,733 million, up 14.5% from 2018, and has maintained an average annual growth rate of about 10.4% since 2015. It ranks 10th in the global medical device market.

Fitch Solutions (2019) predicted that the global medical device market will grow 5.8% annually since 2020 to \$486.8 billion in 2022, and Korea is growing at an annual average rate of 6.5%. Compared to 2018, medical devices have become a new economic growth engine for Korea, with 10.3% growth in 2019.



# Korea Medical Device Export items and countries

The current status of the global medical device market is 23.8% of the total market for Diagnostic Imaging, 16.2% for Consumables and 12.7% for Patient Aids, while the rest of the market is for Orthopedics/ Prosthetics, Dental Products and other medical devices.



Under the current status of global markets, Korea has five major export items: Ultrasound imaging system, general-purpose (16.3%), Biomaterial for tissue restoration (5.9%), Soft contact lens, daily-wear (5.0%), Dental Implant Fixture (4.6%), and IVD Reagents for self testing (4.4%).

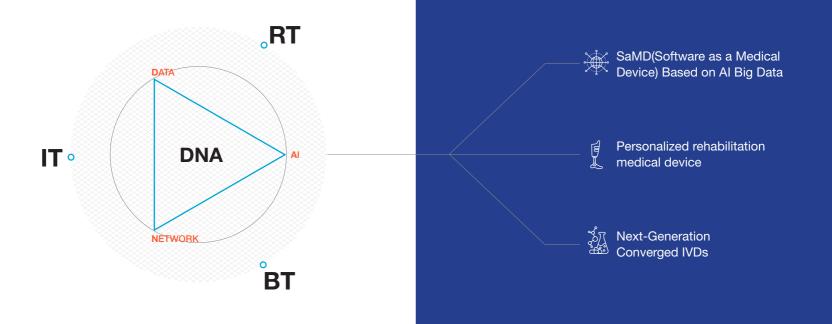
	Export country and amount					
product		Слроі	. Journ	, and a		
	1	2	3	4	5	etc.
Universal Ultrasonic Diagnosis system			<b>*</b>	٢		etc.
	142.4	61.9	49.3	42.1	32.0	259.8
	24.2%	10.5%	8%	7%	5%	44.2%
Biomaterial for Tissue Restoration	<b>(</b> )					etc.
	123.0	31.1	16.4	2.8	2.4	36.5
	57.9%	14.6%	7.7%	1.3%	1.1%	17.29
Soft Contact Lens, Daily-Wear	<b>(</b>				0	etc.
	46.4	27.3	16.5	16.5	11.8	60.2
	25.9%	15.2%	9.2%	9.2%	6.6%	33.6%
Dental Implant Fixture				٢	C	etc.
	43.4	16.6	10.8	6.1	5.7	84.4
	25.9%	9.9%	6.4%	3.6%	3.4%	50.5%
IVD Reagents for Self-Testing II			٢	C	ter en	etc.
	30.9	15.5	9.1	5.6	5.5	91.1
	19.5%	9.8%	5.7%	3.5%	3.4%	5.7%

00

6

# Korea Medical Industry strengths

Korea Medical Device has great strengths in accurate diagnosis, shortening treatment and patient safety by consistently presenting clinical analysis results of patient data and high-tech convergence products. Korea has been investing heavily in three areas by using DNA (data, network, and AI) strategies that utilize the strengths of information and communication technology (ICT), robot technology (RT), and biotechnology (BT).



# 01

# Medical Equipment & Devices



+ 12\_ACE Medical

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# **ACE Medical**

SF, ACE Ville B/D 25-1, Bomoon-Dong, 7Ga, Sungbuk- Ku, Seoul 02873, Korea

# 



Pain control

# **ALPINION MEDICAL SYSTEMS**

💡 77, Heungan-Daero 81Beon-Gil, Dongan-Gu, Anyang-Si, Gyeonggi-Do, Korea





#### + MEDICAL DEVICE PRODUCTS



# E-CUBE platinum

Ultrasonic diagnosis

Ultrasonic diagnostic system designed with a new user interface to assist medical staff with medical procedures

- New hardware and design enhance 2D images to obtain high-resolution images.
- Applies the improved image processing technology, Optimal Imaging Suite ™ Plus.
- Dual pulse controls for the 2D mode and Doppler signals, respectively.



# ALPIUS 900

# Treatment for uterine myoma

## Non-invasive tumor removal by concentrating high-intensity ultrasound into the body

- The Water Circulation Module controls the medium's temperature in the treatment head and the dissolved oxygen.
- The entire treatment process can be monitored with high-definition real-time ultrasound images, and 3D images of pre-targeting tools and treatment areas are provided.

# MEDICAL DEVICE PRODUCTS



# AutoMed 3200

# The user can easily change the volume and lock time of the delivery drug

- Medical staff and patient can easily control the injection amount.
- N2Check the amount of drug delivery by monitoring the LCD.





#### AutoMer II Maintenance of fluid temperature Preheating of blood, blood products, and body fluids to prevent hypothermia patients

- Designed for patients who need a large amount of blood because of bleeding during surgery.
- Heat plates are heated from 37°C to 41°C, and the blood and body fluid heating system creates ideal injection temperatures.

# AceScope Video Laryngoscope

# With AceScope, intubation procedure will be much easier and convenient

- AceScope has the highest screen and picture quality so that air-way can be clearly observed and secured.
- Touch screen makes operation of AceScope much easier simpler.
- Various sizes of AceBlade make AceScope suitable for all cases of intubation.

# **AMT Engineering**

State: State

811, Byoksan Technopia, 560 Dunchon-Daero, Jungwon-Gu, Seongnam-Si, Gyeonggi-Do, 13230, Korea





# MEDICAL DEVICE PRODUCTS



#### Lucas plus Tattoo removal, Pigmentation treatment

# The Nd: YAG laser system with laser medium in various bands

- These high-power color response laser machines effectively remove skin color using 532nm and 1064nm lasers.
- 1064nm of wavelength permeates the entire skin, treating deep lesions such as tattoos and scar without scarring.
- 532nm of low wavelength is used to treat pigmentation such as freckles, blemishes, and aging spots.

Uses 810nm Diode to destroy black

· Laser beams provide the same amount of en-

ergy to all pulses to reduce pain and protect

 Unlike other dolorific devices, this device has an electric cooling system, so it safely deliv-

ers the most precise energy to the skin layer

until the hair follicles are destroyed without

melanin pigments in hair follicles

the surrounding skin tissue.

anesthetic cream

# Olive plus

#### Depilation





# BOTOSONIC HIFU Skin Lifting and Tightening

#### An Advanced Anti-Aging System Based on HIFU Technology

- The SMAS (Superficial Strongic Aponeurotic System) remodels skin tightening by providing the deep dermis with collagen.
- Directly affects the target tissue and does not affect the user's daily life.

# **Choyang Medical Industry**

5F, Joongil Eines Platz III, 519, Dunchon-Daero, Jungwon-Gu, Seongnam-Si, Gyeong Gi-Do 462-807, Korea





# +MEDICAL DEVICE PRODUCTS



# ENDOCAB PLUS Endoscopic image

# Enhanced control and traceability for drying and storage of flexible endo-scopes

- Data management system with barcode scanner
- · Channel air distributor with HEPA filtered air
- Internal air circulation with temperature controller in cabine



# CYW-DUO

#### Medical equipment sterilization

## Cleaning sterilizer for flexible endoscopes in a touchscreen operating system

- Adopts a reliable leakage test.
- Rotational injection--impeller type (using a water pressure method).
- Thorough cleaning and disinfection of the interior by applying a type of flow sensor.
- Includes a sterilizing solution heating system, an advanced country type filtering system, temperature control, and self-disinfection.
- Features a 7-inch LCD touchscreen and independent OS (software).

# **Color Seven**

State: State

♀ 4F, Geoam Bldg, 62, Banpo-Daero 4-Gil, Seocho-Gu, Seoul, Korea





# MEDICAL DEVICE PRODUCTS



#### V-POD Foot Blood Circulation

# Skin adhesive Light Therapy Based on Low-Level Light Therapy Technology

- Effective and safe light therapy device for women and men's foot fatigue, health, and beauty purposes.
- With its own PAMS technology, light energy relaxes smooth muscle tissue and restores blood flow rates.



# Woman Menstrual pain treatment Stress Free

Skin Adhesive Light Therapy with PAMS technology relaxes the smooth muscles of uterine tissue

- A medical device unique in its field is effective and safe for women experiencing PMS (Premenstrual Syndrome) and severe menstrual pain.
- It is medically verified for clinical evaluation of patients with menstrual pain.

# **CU Medical Systems**

\$ +82-31-421-9700 +82-31-421-9911 ■ angela@cu911.com
# www.cu911.com

💡 130-1, Dongwhagongdan-Ro, Munmak-Eup, Wonju-Si, Gangwon-Do, Korea





# +MEDICAL DEVICE PRODUCTS



# Lifegain Cu-HD1

/ Defibrillator Monitor

# Hospital grade defibrillator monitor with ECG, SpO2, NIBP, Pacer, and ETCO2 options.

- Rugged design to withstand hard conditions with convenient shortcut buttons for use in emergency situations.
- · Data transmission using Bluetooth.

# iPAD CU-SP1

#### Automatic External Defibrillator

Light weight and easy to sue AED for the general public to use in case of cardiac emergency.

- Easy to use with CPR guide and CPR detection. This allows anyone to be able to save a life of a cardiac arrest patient.
- Ambient noise detection [automatic voice promt volume adjusting].



#### Plasma air disinfector

# Advanced air disinfector with plasma technology that eliminates 99% of bacteria.

- Easy installation design. Voice support functions for each operation mode.
- Human detection sensor for added safety and automatic filter replacement warning.

# **CWORLD**

🕲 +82-31-942-1617 🖶 +82-2-385-5302 🛛 sales@choiworld.com @www.choiworld.com

9 193-28, Neungan-Ro, Jori-Eup, Paiu-Si, Gveonggi-Do, Korea





# + MEDICAL DEVICE PRODUCTS



18

# Shield Apron

Radiation protection equipment

## Radiation protection used for surgery or procedures using X-rays

- Tungsten-based core material "made by CWORLD"
- Our lead-free x-ray radiation protection aprons that have tungsten compound inner material shielding sheets have the same protection level as conventional shielding sheets of lead materials, while they are much lighter and softer.
- · Prevents stickiness due to sweating through the internal mesh.
- Waterproof outer fabric is effective in preventing secondary infections in hospitals.
- High-guality sewing guality.





# **DAEJU Meditech Engineering**

@www.infilux.co.kr

9 5F. Haus, d Seiong Tower, 26, Seongsu-II-Ro 10 Gil, Seongdong-Gu, Seoul, Korea





# MEDICAL DEVICE PRODUCTS



# **HIPRO-V**

#### Skin beauty, fat reduction

#### HIFU, Non- invasive skin lifting and tightening treatment a fat reduction / No need Additional Cartridge Type; Controlled the depth only by GUI

 This high strength concentrated ultrasound system delivers HIFU energy to the SMAS layer, located between the body's muscles and subcutaneous tissue and the dermis or fat layer.

Mitigates and treats scars, improving

• With CO2 fractional and surgical laser systems, the beam is divided into finely sized units to minimize damage to normal tissues. · Reduces skin downtime by enabling guick





# **AROMA GRAND**

treatment.

PENTAGON GRAND

pores and reducing wrinkles

#### Depilation

Skin beauty

#### Hair follicle destruction by selective thermolysis.

• When energy penetrates the dermis by emitting red and near-infrared wavelength energy and is optionally absorbed by melanin, only the hair follicles are selectively destroyed by the heat rise.

# **Daeyang Medical**

\$\\$ +82-33-747-4465 = +82-33-747-1133 ≤ sales@daeyangmed.com
\$\\$ www.daeyangmed.com

• 147, Donghwagongdan-Ro, Munmak-Eup, Wonju-Si, Gangwon-Do, Korea





# DAIWHA

Oaiwha Bldg, 3, Yeoksam-Ro 33 Gil, Gangnam-Gu, Seoul, Korea

# **DAIWHA**



# +MEDICAL DEVICE PRODUCTS



# INFUSION PUMP Injection medicine Premium Infusion Pump with Central

# Monitoring System

- newly launched infusion pump models (DI-6000/6000V/6200V) with TFT Color LCD & jog dial.
- Central Monitoring System (wireless):

Checking operation and alarm of multiple pumps in real time with a monitor from nurse station.

• PCA and TCI are available.

# ELECTROSURGICAL

# UNIT Tissue coagulation, incision

#### **Multipurpose Premium Energy Platform**

- Use of electric energy with monopolar and bipolar at the same time in a generator.
- Auto Power Control & Auto Power Stop function
- DAIWHA's electric energy device 'MEDIPOALR' is available

# ULTRASONIC ENERGY DEVICE SYSTEM Tissue coagulation Cost-effective and convenient with all in one

- MEDISONIC for cutting and sealing blood vessels and tissue during minimally invasive surgery.
- lightweight(338g) materials to minimize fatigue of user's wrist by being lighter than other products.
- · Built in transducer.
- Ultrasonic & electric energy device, bipolar and laparoscopic instruments are available in a generator.

# MEDICAL DEVICE PRODUCTS



# PURISMA

#### Skin beauty

# Creates and transmits plasma energy to improve facial wrinkles

- Energy transfer to all layers of skin by a specially designed JET handpiece.
- The transmitted plasma energy induces collagen production in the epidermis layer.
- The process makes a short treatment time possible and removes various wounds without scarring.



# Therrawave

#### Body care

# A non-invasive device that effectively reduces fat in the body's target areas

- Interactive Selective RF technology optionally delivers RF energy to another fatty layer using different impedance from its application to normal tissue.
- Induces the apoptosis process of apoptosis cells to minimize inflammation and remove fat cells.



(\*•)\*

# **DNHmedtech**

F-211, 70, Jimok-Ro, Paju-Si, Gyeonggi-Do, Korea





# MEDICAL DEVICE PRODUCTS



#### Actto-50

Dental treatment

# A surgical device used for incision and coagulation of oral tissue using high-frequency current

- It is more efficient and precise than a dental blade and is excellent for soft tissue treatment due to bleeding.
- The procedure is simple with hemostasis, and the recovery period is shortened.

# HANDOCK MEDICAL

OVC

breathing

♀ 4F, 99, Centum Dong-Ro, Haeundae-Gu, Busan, Korea



# MEDICAL DEVICE PRODUCTS



# Celling Pendant System Hospital Facilities

## Ceiling Fixed Facility System Customized for Hospital Systems

- Varied functions include carbon dioxide emission, a nitrogen control panel attachment, and many patented technologies.
- Can be manufactured to custom specifications.





- The absorption function prevents saliva from passing to the bronchus.
- Various procedures can be performed automatically and simultaneously.

Filter Mask and Filter

# Infectious prevention

Oxygen Supply

#### Mask and respiratory filters with a radial duct structure and excellent fluid diffusion to maximize cleaning function

- A product with a built-in bacterial/viral filter inside the mask prevents cross-infection and secondary infection.
- Easy to transport and handle, saving resources and providing energy efficiency.

# **HWAIN MEDI**

 B-1012 Acehightechcity, 10, Baekseokgongdan 1-Ro, Seobuk-Gu, Cheonan-Si, Chungcheongnam-Do, Korea

# **A HWAIN MEDI**



# **KOIBIG**

♀ 714 ,30, Digital-Ro 32-Gil, Guro-Gu, Seoul, Korea

**KOI**BIG



# +MEDICAL DEVICE PRODUCTS



# Pain Block

pain relief

# A transcutaneous electrical stimulation device for the relief of pain that uses noninvasive painless neural information control technology to control pain

- Strong pain control effect / No side-effect / Various chronic pain relief
- Various pain treatments are available, including CIPN, CRPS, Chronic Neuropathic Pain, Post-Surgical Pain, Phantom Pain, Intractable Cancer Pain.
- Non-invasive treatment with disposable electrodes
- $\bullet$  Selectable as 1P / 2P and set for each area in 2P
- 4 channels can be used independently.
- · Easy operation with touch screen
- Error indication by checking cable connection status in real time

# MEDICAL DEVICE PRODUCTS



# EZ-TACK / Surgery instrument EZ-TACK AUTO

## Fixes the grafting mesh to tissue during abdominal laparoscopic procedures for the restoration of enterocele

- Composed of a helical tack made of titanium material.
- Less fatigue when using during surgery through the use of ergonomic handles.

A disposable needle used to take bi-





# HIPRO-V

**EZ-BIOPSY /** 

opsy samples

· Easy loading.

**EZ-BIOPSY AUTO** 

· Compact, ergonomic body.

Surgical instruments

**Biopsy instrument** 

Used in cutting and coagulating the tissues, and irrigation and suctioning of liquids by passing through the tube of Trocar at the time of minimally invasive surgery.

- Includes incision, coagulation, cleaning, and suction.
- One-handed structure and easy operation button.

# **MEDICALPARK**

601, 623, 624 & 901, Knowledge-Industry Center, Bundang Suji U-Tower 767, Sinsu-ro, Suji-gu, Yongin-si, Gyeonggi-do, 16827, Korea

# MEDICAL PARK

★
MEDICAL DEVICE PRODUCTS



# MEINNTECH

\$ +82 31-381-7076 +82 31-381-7053 ■ meinntech@meinntech.com

SF, 387, Simin-Daero, Dongan-Gu, Anyang-Si, Gyeonggi-Do, Korea





# +MEDICAL DEVICE PRODUCTS



# Anyfusion H-100

Infusion

## New concept infusion pump in which there is no need to distinguish between Infusion and a Syringe Pump

- Use as an infusion pump by rotating the direct motion of the syringe.
- The cylindrical pump incorporates the infusion pump's advantages while the syringe pump makes it easier to inject.



# bexcore

Breast biopsy

# Examine or remove breast tumors without surgical scars

• Continuous sampling through vacuum construction with 4 step adjustments of the inner blade (5mm, 10mm, 15mm, 20mm) enable use as an intuitive interface.

# bexcore fast

Breast biopsy

A disposable core biopsy instrument used to collect tissue samples for biopsy

 "Automatic" and "Semi-automatic" functions enable accurate biopsy (incorporates a strong automatic plasticization mode and an exact semi-automatic plasticization mode).

# ReMUSiL

#### Breast marker

Helps to insert a marker into the breast and find the lesion easily after the biopsy 6 different marker tips allow for marking multiple sites & lesions.

- Made from human body compatible materials.
- Easily removable and does not damage the biopsy device during the re-biopsy.



# EZ-Regular

#### Infusion set

#### Infusion set operated with one-hand

- One-handed operation is possible by utilizing a single infusion tube.
- The dosage can be controlled by a safe and appropriate controller.

# Nanoomtech

♀ 57, Cheomdan Venture So-Ro, Buk-Gu, Gwangju, 61003, Korea





# ORO

CAPRI

♀ 101, 38, Magokjungang 8-Ro 1-Gil, Gangseo-Gu, Seoul, Korea

ORO



# **MEDICAL DEVICE PRODUCTS**

#### Skin beauty

# Treatment of various skin diseases with a Blue Laser

- Uses dual wavelengths of 1450nm + 400nm with a Blue Laser. This means a noticeably short downtime after treatment.
- Used for bloodless procedures, atopy improvement, mask skin troubles, burn treatment, pore reduction, etc.
- Less pain and shorter procedure times mean that the effects can quickly be checked.

# ATO

#### Skin beauty

# Laser treatment device with a bacterial therapeutic effect

- Used for atopic dermatitis, infant atopic dermatitis, housewife eczema, and impetigo
- It is excellent for reducing the volume of sebaceous glands, improving elasticity, and reducing pores due to its heat transfer effects.



#### Skin beauty

# Light cure for skin beauty and treating the effects of cancer and cranial nerve damage

 The first usage of four-wave and low-output phototherapy to treat these conditions in the nation

# MEDICAL DEVICE PRODUCTS



# NT-381.C

Automated External Defibrillator

## Analyzes the heart rhythm and provides electrical shock for cardiac defibrillation

- This small portable device analyzes the heart rhythm and provides defibrillation shocks to reset normal heart rhythms.
- Provides an audio/visual prompt to explain each step of the defibrillation process.



# Knee1004 High frequency Stimulator

## Pain relief function for lesions using Endogenous Dermal Heat

- High-frequency delivery to the knee via flexible electrodes developed with ergonomic design.
- It converts high frequency into bio-thermal energy to relieve pain in the deep tissue.



# Bone-Pro

#### X-ray bone mineral densitometer

# Bone density measurement using the CONE BEAM method with excellent reproducibility and accuracy

- The X-ray takes less than three seconds for a quick examination.
- Low energy radiation allows accurate bone density measurement.





# RADIANQBIO

\$\\$ +82-2-852-1122 = +82-2-6499-3076 ≤ overseas@radianqbio.com
# www.radian.co.kr

1804, HALLA SIGMA VALLEY, 53, Gasan Digital 2-Ro, Geumcheon-Gu, Seoul, 08588, Korea





# +MEDICAL DEVICE PRODUCTS



#### HR-503 Cardiac defibrillation

## Quickly and accurately analyzes the patient's ECG to remove defibrillation in the atrium or ventricle

- Electric shocks are sent directly to the heart through electrodes placed on the chest wall.
- All-in-one pads that do not require separate pad connections can be used quickly and are suitable for adults and children without replacing the pads.
- Support available for four language functions (Korean, English, Chinese, Japanese)
- · Fast charging when using an AED.
- Safe and efficient cardiac shock with low impact energy.
- Extract/analyze data through access to a separate internal memory.



# MS-980S

Pain relief

# Promote metabolism, reduce visceral fat, and relieve pain

- Heats the inside evenly and provides a thermal effect from the heart of the human body.
- · Cuts costs by reducing warm-up time.
- Effectively removes the smell of sweat through antibacterial functions.
- The new material heating element is exceptionally durable, safe, and chemical resistant.

# REMED



301~303, Migun Techno World II, 187, Techno 2-Ro, Yuseong-Gu, Daejeon, 34025, Korea





# +MEDICAL DEVICE PRODUCTS



# ALTMS-A

#### Mental illness treatment

# A medical electromagnetic generator used in Psychiatry and rehabilitation

 Medical electromagnetic generator for treating depression in adult patients by applying magnetic fields in 2.5 Tesla to the head.



# Brain-Stim-A

#### **TMS treatment**

# Transcranial magnetic stimulator

- Safe treatment that stimulates the brain with an electromagnetic field without medication or surgery.
- A high-tech product that transmits highly concentrated electromagnetic fields to the skull to activate or suppress cranial nerve cell.



# Salus Talent Pro Nerve treatment

# Electromagnetic field treatment device for pain relief

- Features deep stimulation by soft and strong high strength (3 Tesla) output.
- Manual use involves hand-held transducers and access to two channels of high strength magnetic fields.
- Additional minimal consumable and maintenance costs.

# **Saehanul Biotech**

💡 301, 88, Jeonpa-Ro, Dongan-Gu, Anyang-Si, Gyeonggi-Do, Korea





# **Samsung Medison**

♀ 145, Pangyoyeok-Ro, Bundang-Gu, Seongnam-Si, Gyeonggi-Do, 13530, Korea

**SAMSUNG MEDISON** 



# HMEDICAL DEVICE PRODUCTS

# HERA I10

#### Gynecological Ultrasonic Diagnosis

# Provides ultrasound images using high synthesis aperture technology

- Applies a next-generation beamformer "CrystalBeam<sup>™</sup>," the image processing engine "CrystalLive<sup>™</sup>" and "Crystal Architecture<sup>™</sup>, consisting of "S-Vue<sup>™</sup>" in a single-crystal probe technology.
- An innovative product offered in a chair type design that completely deviates from the general ultrasonic treatment concept by providing it in a comfortable environment.



# HERA W10

#### Gynecological Ultrasonic Diagnosis

Ultrasonic diagnostic devices with 11 times signal throughput and 10 times more data transfer speeds

- Helps with early diagnosis of high-risk mothers, as well as ultrasound tests for mothers, to determine if there are fetal abnormalities.
- It contains an added "MV-Flow™" function that realistically expresses fine blood flow, quantifies blood flow, and offers a "Lumi-Flow™" function that shows blood flow three-dimensionally.

# MEDICAL DEVICE PRODUCTS



# Head Light

Imaging diagnosis

#### Medical headlamp for surgery and diagnosis

- Semi-permanent lamp life due to the use of LED lamps.
- The lamp gives than 50,000 lux of bright light and includes the ability to adjust brightness.
- Natural leather headband with a good fit for angle adjustment.
- Wireless headlight without exposure to wires and includes focus adjustment.

# **Sejong Medical**

Laport

• 11 Sinchon 2-Ro, Paju-Si, Gyeonggi-Do, 10880, Korea





#### + MEDICAL DEVICE PRODUCTS



#### Laparoscopic surgery

# A device that allows the use of various laparoscopic surgery instruments while maintaining the aeroperitonium

- Built-in a rotatable converter measuring 5mm.
- One-touch button for easy removal of smoke and gauze.
- The serration structure is easy to use and prevents displacement when using the instrument.
- The ergonomic design provides an excellent grip.



# Laparoscopic Laparoscopic surgery Single Port

# General ports for laparoscopic surgery, including a robotic surgery device

- Comes with a single detachable port for single-incision laparoscopic surgery (SILS).
- International ports enable the use of various instruments from 5mm to 12mm.
- Includes a spring valve for smooth gas circulation.
- Optimized for robotic surgery with high flexibility and heat tolerance.

# **SEOIL PACIFIC**

State 10 € 100

Rm.515,516, Ace High-End Tower, 5, 26-Gil, Digital-Ro, Guro-Gu, Seoul, 08389, Korea





# +MEDICAL DEVICE PRODUCTS



# COMFORT COUGH II

Suction airway body fluid

# Il helps patients to cough by rapidly shifting from putting the air in the lung to taking out the air.

- It is much more efficient and gives no pains comparing to other alternatives, such as using a suction and tapping on the back.
- COMFORT COUGH II is only one device in the world which has 3 modes in 1 device. [Basic MI-E], [Oscillation], [Percussion]



# CF10

#### oxygen therapy

It delivers the warm and humidified air through the nasal cannula. By giving the continuous flow of fresh gas at high flow rates replacing or washing out the patient's pharyngeal deadspace.

- It prevents from airway inflammation, which can increase airway resistance and impair mucociliary function possibly leading to decrease secretion clearance.
- Humidity : >33mg/L at 37℃ target
- Maximum temperature of delivered gas : 43°C (109°F)
- Maximum flow range : 10~60 L/min (Adult mode) : 2~25 L/min (Junior mode)
- Oxygen : 21~95%

# **StraTek**

🛇 35-11, Jeonpa-ro 24beon-gil, Manan-gu, Anyang-si, Gyeonggi-do, 14086, Korea





# SurgiCore

Soldg. A, 43-10, Jingoksandan 5Beon-Ro, Gwangsan-Gu, Gwangju, 62464, Korea





# +MEDICAL DEVICE PRODUCTS

#### Endoscopy



# LigaForce

plication

Disposable endoscopic multiple clip ap-

#### • 340mm axis length.

- Safety interlock.
- · Anti clip drop system.
- Ergonomic grip design.



# SurgiTractor

#### Wound reflector

# Maintains moisture and protects incision wounds from contamination

• Provides maximum opening with a minimal circular incision.

- Easy to fold.
- Highly-translucent silicon cover with a 12mm port available.
- · Easy to attach and detach retractor covers.

# SurgiPort

#### chest cavity endoscopic surgery

#### Sets the chest cavity entry path and provides guidelines

- Excellent strength and does not break.
- The obturator head has an ergonomic design.
  - Patented screw structure.
  - The device can be easily fixed in the chest space.

# +MEDICAL DEVICE PRODUCTS



# SPMI-330

Pain relief

Pain relief

# Digital Combination Electrical therapy (I.C.T+ Silver Spike Point (SSP))

High accuracy with frequency creation digitally.

• Reduced resistances to human body by soft output.

Featured with saving parameters for easy use.

- Simultaneous operations of suction and rate.
- For the patient's safety (Zero Start, over-current protective circuit) Featured with Intensity Auto-OFF at stop (Interference wave only active).



# STS-1000

#### Vibrator for medical use

- Controls the intensity of vibration easily using an output controller.
- Easy and practical operation; designed to provide vibratory stimulation to the body to relieve of pain.
- Provides various of applicators (accessories) which are selectable depending on treatment areas and uses.
- A modern design that allows for height adjustment for convenience and can keep of accessories.

# WONTECH

3F, Pangyo Global R&D Center, 22, Daewangpangyo-Ro 712Beon-Gil, Bundang-Gu, Seongnam-Si, Gyeonggi-Do, 13488, Korea





# +MEDICAL DEVICE PRODUCTS



#### Veincare Var

Varicose vein surgery

# Treats all evidence of varicose veins through the release of lasers into the vein to clog blood circulation

- When lasers are irradiated into varicose veins through optical fibers, the veins decrease, and blood regurgitation is prevented.
- 1940nm wavelengths are employed to provide fast and effective intravenous laser treatment.
- Minimizes the risk of intravenous perforation and ensures high echo visibility.



# Picocare

#### Tattoo removal, Skin care

# Picosecond laser system with a complex medium of 1064nm & 532nm + 595nm and 660nm

- The system's performance, especially its speed and convenience, is superior to other devices in the market.
- PICOCARE decomposes all color tattoos and pigments into small particles with shorter pulse duration and higher peak power.
- Improves skin safety because of its low heat on the skin.

# Imaging & Diagnostics





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- 42\_ CHAMMED
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# **CHAMMED**

13F, A-Dong, Gunpo It Valley Bldg. 17, Gosan Street 148Beon-Gil, Gunpo-Si, Gyeonggi-Do, Korea





# MEDICAL DEVICE PRODUCTS



# Endoscopic System QVION19

Endoscopic image

#### Provides high-quality endoscopic resolution with a clear and accurate Full HD image system

- Available to all hospital departments with video modules containing light source devices with a resolution of Full HD 1920x1080 and a frame rate of 50/60fps.
- Includes a full LCD touch control system for convenient operation.



# XCN3 extreme Respirator treatment

# Direct drug delivery for the treatment of bronchitis, asthma, and rhinitis

- Uses the most recommended treatment for respiratory patients.
- The drug is designed to be delivered directly to the treatment area, so its effect is certain and quickly evident.
- Two nebulizer kits can be operated simultaneously for efficient treatment.



# CHAM NEW CU-500 ENT Workstation

# A desk that can be used as an ENT comprehensive unit, enabling efficient diagnosis and treatment.

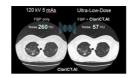
- The built-in endoscopic storage drawer is equipped with UV sterilizer functions. It controls each function with a comprehensive control switch.
- Patients are treated with a warm instrument fixed at about 40°C to reduce patient resistance.

# ClariPl

SF, 70-15, Ihwajang-Gil, Jongno-Gu, Seoul, Korea



# MEDICAL DEVICE PRODUCTS

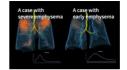


# ClariCT.Al

#### CT Image AI

# Vendor Neutral CT Noise Rejection Solution Based on Deep Learning Technology

- Deep running visibility engine eliminates powerful quantum noise.
- Compatible with all CT scanners that meet the DICOM standard.
- Converts existing CT to new AI-based CT.

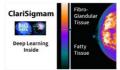


# ClariPulmo

#### Lung Diagnosis Al

#### A new solution for fully automatic emphysema and COPD reporting from lung cancer screening to low-capacity CT

 A one Stop Solution: A device that converges with the ultra-low-capacity CT solution "clariCT.AI" and fully automatic emphysema "claripulmo" for reporting



# ClariSigmam

#### Breast Diagnosis Al

#### Accurately analyzes fat and line tissue composition in mammography with deep-running technology

- Fully Automated Quantity.
- Breast / Line / Percent Density.
- · World's highest accuracy.
- Convenient, smart workflow at a low cost.

# **CMLAB**

C-623, 330 Seongam-Ro, Mapo-Gu, Seoul, 03920, Korea





# MEDICAL DEVICE PRODUCTS



#### EYEJOY

Fundus diagnosis

The patient can easily film their own fundus video for diagnosis and analysis

 CMLAB analyzes the image using optical integration (AI) to diagnose glaucoma, cataracts, macular degeneration, blurred vision, and vision loss.



## CK2020B Body thermometer

#### A non-contact thermometer with temperature correction patent technology

- Based on ophthalmic laser treatment technology, a new-concept thermometer with unique technology can obtain body temperature values from the forehead and ears of an adult or a child.
- The measuring distance is 3cm, and the thermometer stores up to 40 temperature values."

# **DK MEDICAL SYSTEMS**

18, Baumoe-Ro 7-Gil, Seocho-Gu, Seoul, Korea

# **DK**<sup>+</sup>Medical Solutions



# MEDICAL DEVICE PRODUCTS



# Innovision

#### X-ray Diagnostics

# The varied position X-ray required by clinicians is possible and minimizes the imaging level

- The low radiation dose enables quick identification of clear images and easy and safe use.
- DICOM 3.0 is supported to configure the network quickly and conveniently.
- The preset and auto-synchronization functions of preset systems allow multi-dimensional inspection as well as general inspection.

## ELMO-T3P/S

#### **X-ray Diagnostics**

The device's size makes it easily portable in limited spaces such as emergency rooms, operating rooms, and intensive care units

- The micro-multiprocessor control system with high-frequency control provides convenient shooting conditions and self-diagnosis programs.
- The Touch Keypad and Digital Display allow easy user operation.
- The AED function allows upgrades without extra hardware connectivity.

# Dongmun

🔇 +82-31-907-7222 🖶 +82-31-904-2231 🛛 sjkim@dong-mun.co.kr # www.dong-mun.net

9 508-Ho, Unitechvil Bldg, 142, Ilsan-Ro, Ilsandong-Gu, Govang-Si, Kyeonggi-Do. Korea

DM-5125

**DM-525MR** 

use



MEDICAL DEVICE PRODUCTS



# DRTECT

@www.drtech.co.kr

2F/3F/6F SPG Dream, Jeongiail-Ro 166, Bundang-Gu, Seongnam-Si. Gyeonggi-Do, Korea

DRTECH



X-ray Diagnostics

**X-ray Diagnostics** 

# An X-ray system with a self-diagnosis function

- A wide range of standard "mA" can be chosen.
- APR, AEC, Tomography, and DAP functions can be used simultaneously.
- Uses DICOM 3.0 compatible software



# · High-frequency inverter technology suitable for small rooms or emergencies.

A Portable X-ray system for emergency

- Built-in Touch screen PC workstation.
- No socket connection is required as the device uses the Capacitor bank.

# **DIG-360**

#### **X-ray Diagnostics**

#### Portable X-ray system for emergency use

- · A high-frequency inverter technology is used.
- The full control value can be calculated with the hand switch using a remote-control function.
- · Displays a reverse rotation switch for easy reading of the opposite side.

MEDICAL DEVICE PRODUCTS

# **EVS 4343W**

#### Indirected detector

#### The highest portability and performance offered for perfect low-radio imaging

- · Provides stable image guality despite low doses
- · Detects microbial lesions with a detector that can express clear images even in thick areas.



# **RMS UD**

#### Mammography detector

# The image-optimized 65 µm pixel size enables excellent image detection

- With 18 years of proven a-Se technology and high DQE/MTF, the device boasts the best SPAC and detects micro lesions in the breast with fine pixels.
- It has a high frame rate of 4.4 fps, so it is possible to apply tomography to high-speed photography.

# FLAATZ 600

#### **Direct Detector**

#### A portable detector with increased lightness and durability

- A light, all in one metal unibody structure and high-quality durability.
- It can image smoothly (720 pictures per 3h) with rapid charging and incorporates temperature safety through a direct method finished with a special coating technology.



# ForU

CF9-01

pixels) quality.

doscopy.

2-301, Business Incubation Center, 28, Halladae-Gil, Heungeop-Myeon, Wonju-Si, Gangwon-Do, Korea



MEDICAL DEVICE PRODUCTS

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Endoscopic image

# Healcerion

**Q** 1401, Digital-Ro 33-Gil, Guro-Gu, Seoul, Korea

HEALCERION



# MEDICAL DEVICE PRODUCTS



# SONON series Ultrasonic diagnosis

# Portable Radio Ultrasonic Probe and Application

- The clinical value of each disease is evaluated: 300L [anterior cruciate ligament, thyroid, carotid artery, vascular], 300C (Abdomen, bladder, breast, gynecology, vagina).
- Can be used in connection with IOS and Android devices without a code or wires.
- SONON supports the DICOM protocol, enabling safe storage and management of images through the PACS server.



## WC-01 (FREE 5 series) Endoscopic image

A medical camera that connects medi-

cal endoscopes to observe the lesion

· Wireless products enable photo capture and

video recordings with an FHD (two million

· Features autosave, autofocus (or manual fo-

· Image size can be adjusted according to en-

cus), and auto white balance.

· Removable endoscope.

A wireless medical camera that connects medical endoscopes to observe the lesion

- Wireless products enable HD (1.2 million pixels) photo capture and video recording.
- Autosave, tablet, or smartphone images can be printed.
- · Removable endoscope.

# HNT MEDICAL

20, 70, Gasan Digital 2-Ro, Geumcheon-Gu, Seoul, Korea



MEDICAL DEVICE PRODUCTS



X-ray diagnostics

# iiSM

♀ 402, 7-16, Naseongnam-Ro, Sejong-Si, 30129, Korea





# **MEDICAL DEVICE PRODUCTS**



# VPism-C

#### Infrared vein finder

# Tablet type vein finder shows vessel images in real-time

- International standard VESA mounts are used and employed in various sites and conditions.
- The use of the product with the camera fixed in a rack allows medical professionals to use both hands freely during treatment.



# CENOWAVE

Detector (FPD).

treatment space.

INNOSTAR

ture of the human body

#### Pain relief

# Helps revascularization and activates surrounding tissues and bones to reduce pain and improve function

Mobile X-ray imaging device that pro-

vides imaging of the anatomical struc-

• No distortion of images using the Flat Panel

· Increases user convenience with a wider

- Produces stable shock waves using Electro-Magnetic elements with higher density.
- Its high energy output value (0.5mJ/mm2) and rapid generation speed (Maximum 85Hz) enable various treatment protocols to be implemented.

# Rifle

#### Treatment of urolithiasis

#### Diagnoses in real-time with X-ray and ultrasound systems and provides an extracorporeal shock wave

• Combines X-ray diagnostic devices, shockwave devices, and treatment tables into one unit and integrates them from diagnosis to treatment.



# VPism-D

#### Infrared vein finder

# Desk type vein finder showing vessel images in real-time

- Examine patient body parts and adjust the angle of the arm depending on patient position.
- Optimized design to maximizes space utilization.

# **JPI Healthcare**

State: State

• 608-ho, 28, Digital-Ro 33Gil, Guro-Gu, 08377, Seoul, Korea



# MEDICAL DEVICE PRODUCTS



# X-ray Grids

Anti-scatter grid

X-ray Diagnostics

It removes scattered x-ray created while x-ray passes through the object and if the scattered x-ray is not removed properly, it'd reduce the image quality significantly.

- Grid 1000(Aluminum Interspaced) Most popular and cost effective solution
- Grid 2100(Carbon Graphite Interspaced) -Specialty solution for mammography, digital breast tomosynthesis & FPD based C-arm
- Grid 3000(Fiber Interspaced) Solution with lower attenuation



# Digital Upgrade Solution

It is an ideal solution for a clinic looking to upgrade its analog x-ray system to digital. JPI offers a full range of attractively priced digital detectors, from high quality CsI flat panels to new technology IGZO Panel.

- Integration of various flat panel detector by different manufactures
- · Modality Work List Generator provided as bundle
- Multiple language support
- Fast and professional image processing for each individual examination

# DynaVue

#### Veterinary Digital Fluoroscopy System

Super senitive IGZO based FPD allows to gain high quality images with low dose, which also lowers the dose exposure to the surgeon and the patient.

- Digital Radiography & Real-time Fluoroscopy
- Larger FOV(17x17") compared to C-arm (max.12inch)
- Image distortion free compared to C-arm (Image Intensifier)
- Real-time image processing (30fps under 2x2binning@pulse)

# **LISTEM** Corporation

💡 94, Donghwagongdan-Ro, Munmak-Eup, Wonju-Si, Gangwon-Do, 26365, Korea





# +MEDICAL DEVICE PRODUCTS



# CLASCAN

#### X-ray diagnostics

#### A Digital Fluoroscopic/Radiographic X-ray System using Remote control

- The Remote-Control System can be used in main and local consoles.
- Improves convenience and reduces workers' X-ray radiation exposure.



#### X-ray diagnostics

#### **Digital Radiography System**

- Cost-effective DR upgrade to existing X-ray systems
- Features brilliant automatic positioning of standing mode and table mode with a small footprint
- Perfect for any hospitals/clinics environments with built-in tilting table and tilting stand for better space saving



# KAIGEN-R

#### X-ray diagnostics

#### **High Frequency Radiography system**

- Features versatility and high performance which can be applicable to a wide variety of general radiography with remarkable convenience, productivity, and patient comfort
- The impressive convenience for patient and technician will be maximized by using of fourway floating or six-way floating top bucky table and combining with various tube stands from floor-mounted type to ceiling-suspended type.
- Anatomical Programmed Radiography (APR) for easy examination.

# Lunit

♀ 15F, 27, Teheran-Ro 2-Gil, Gangnam-Gu, Seoul, Korea





Chest image

analysis Al

# MEDICAL DEVICE PRODUCTS



# Lunit INSIGHT CXR2

Software that assists a physician in reading results by detecting suspected abnormalities such as solitary pulmonary nodule/tumefaction, hardening, pneumothorax, and other issues in chest x-ray images

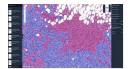
- Reduces the rate of missing the diagnosis of major lung diseases such as lung cancer, tuberculosis, pneumonia, and pneumothorax.
- Early diagnosis of major lung diseases through chest x-ray imaging.
- The accuracy of diagnosing major lung diseases by non-radiologists is improved to the level of radiologists.



#### Lunit INSIGHT MMG Mammography analysis Al

# Software that assists in a doctor's diagnosis by detecting abnormalities suspected to indicate breast cancer in mammography images

- Both mammography specialists and general radiologists can improve breast cancer diagnosis and reduce the recall rate.
- Accuracy of reading mammography reports that indicate breast cancer by non-radiologists is improved to the level of mammography specialists.



# Lunit scope

#### Tissue image analysis Al

# Accurately detect cancer's substrate, epithelial tissue, lymphocytes, etc. in H&E slide images

- Objective quantification of tumor penetration lymphocytes for pathologists or researcher.
- New biomarkers can be found in the classification according to the immune phenotype.
- Provides information on tumor penetration lymphocyte density within the tumor and generates the ratio of substrate-epithelial tissue within it

# Medonica

♀ 37-9, Techno 1-Ro, Yuseong-Gu, Daejeon, Korea

🗞 Medonica



#### + MEDICAL DEVICE PRODUCTS



# ZEUS-50 & 130S Plasma Sterilization

# Efficient use of narrow spaces with table-top sterilizers

- Reasonable price allows for economical and efficient operation in narrow spaces.
- Features a variety of sizes, providing a large capacity for use.



# MAGVUE

MRI for whole body

# Open image system focused on user convenience and safety

- High-quality MR images help doctors diagnose and promote patient understanding.
- An advantage of the advanced wide-open magnet allows patients to feel comfortable during examinations and reduces anxiety.



# COOLENDO

#### Medical Devices Sterilization

#### Automatic endoscopic washing machine with water spray

- Powerful top-down cleaning and ultrasonic cleaning are performed simultaneously to improve washing power.
- Disposable disinfectants are used together for sterilization and to prevent infection.

# **MEDSTAR**

medvision

pictures.

Medvision

cific images selectively

♀ 35-12, Goraedeul-Gil, Uiwang-Si, Gyeonggi-Do, 16071, Korea



MEDICAL DEVICE PRODUCTS



Endoscopic images

# **Mega Medical**

Sth Fl., CC Bldg, 439, Bongeunsa-Ro, Gangnam-Gu, Seoul, Korea





# MEDICAL DEVICE PRODUCTS



# NET-4000

#### Endoscopic images

#### Developed to provide medical treatment of otolaryngology in one place

 Compact composition for simultaneous multiple treatments: Includes three sprays, two suction bottles, two 3,000cc suction bottles, penlights, four medicine bottles, two waste receptacles, and other items.



#### New Millennium Grand ENT workstation Workstation with a wide range of op-

Designed to photograph and play spe-

· Displays a specific virtual image on-screen

selectively divided into two or four captured

. When software is installed on a PC. individu-

al patients can be managed by downloading, saving, and searching for images through

# tions to maximize curative effects

 Includes an embedded ear cleaning, automatic drainage system, and powerful suction.

- Spray, control press, and gauge with the Polizer Olive Type.
- · One-touch LED control panel.
- Varied surgical instrument drawer with a heating system and built-in RF machines.



#### respy system

#### ENT treatment

# A treatment system for diseases of otolaryngology

- RS-1000 [Nasal nebulizer]
- PS-2000 [Nasal Irrigation Device]
- RS-2100 [Nasal Irrigation Device]
- PS-3000 [IR ray device for ear and throat]
- RS-4000 [IR/ UV device for nose and ear]
- PS-6000 [Auditory stimulator]

# **MSLINEENG**

26, Wonjeok-Ro 148Beon-Gil, Sindun-Myeon, Icheon-Si, Geyongi-Do, Korea

CVP-2





# MEDICAL DEVICE PRODUCTS



#### X-ray Reducing Device

#### Installed in the X-ray generator section to control radiation exposure

- Reduction of radial X-rays from imaging through C-Arm use during procedures, surgery, and X-rays. Filters composed of unique ceramic materials prevent scattering and refractive X-rays caused by the human body.
- A safe X-ray system reduces radiation exposure of patients and medical staff.

# **NTL Healthcare**

State 10 € 100

**Q** 2F, 17-1, Dongnam-Ro 3-Gil, Songpa-Gu, Seoul, Korea





# MEDICAL DEVICE PRODUCTS



# Dr. Cervicam C20

#### Cervical cancer screening

# Provides a Screening system with high sensitivity and fast analysis results

- When combined with the pap Smear, sensitivity can be increased by 97.5%. It can be increased by 94.3% using a single method. The high false-negative rate (about 50%) of the Pap Smear can be supplemented.
- Paper documents are not required for test requests, report delivery, and test processing (reducing manpower and consumables).
- There are no geographical limitations for this treatment.



#### Cervical cancer screening

The device can also be used as a wireless camera, replacing the need for operating room records

- Portable camera powered by battery charging.
- 3.5-inch large camera LCD monitor.
- Displays images on the camera monitor simultaneously with an external monitor.
- Easy image transfer to the PC without image loss.



# **OSTEOSYS**

State: State

9F, 903, Jnk Digitaltower, 111 Digital-ro 26, Guro-gu, Seoul, Korea

# **OsteoSys**



# MEDICAL DEVICE PRODUCTS



# SONOST-2000 Ultrasonic diagnosis

## Bone density measuring device considers the anatomical design of the measurement area

- Can be used as a mobile bone density meter when connected to a laptop and has excellent durability.
- Fast measurement speed and simple installation for anyone.
- Provides a report on comprehensive bone density analysis and a follow-up audit.



Sunil Technopia 1201, 555, Dunchon-Daero, Jungwon-Gu, Seongnam-Si, Gyeonggi-Do, 13215, South Korea





# MEDICAL DEVICE PRODUCTS



# PACS Ultrasonic diagnosis Radiologist Viewer

#### Multi-Form advanced DICOM Viewer including images, reports, patient status, and clinical information

- Supports various image display modes such as CT, MR, and PET scouting lines.
- Analyzes changes in the angle of scoliosis by comparing current and past images.



# Ultrasonic diagnosis

## Advanced DICOM Viewer for Mammography including 2 on 1 stitch Image

• Arranges the height of the two nipples (automatic stitching of the image) and transfers JPG, BMP, and TIFF into DICOM files to speed image display.



#### Cardiovascular diagnostics

#### Cardiac advanced DICOM Viewer with specific functions for ECG and insertion of cardiac catheters

- Displays various measurement functions (length, angle) and the Cardiothoracic ratio (CTR).
- · Bi-Plane mode and Cine modes available.





# PROVIX

601, Bucheon Chunui Techno Park 3, 80 Jomaru-Ro 385 Beon-Gil, Wonmi-Gu, Bucheon-Si, Gyeonggi-Do, Korea





# MEDICAL DEVICE PRODUCTS



CCU-2400

Endoscopic image

Designed for various endoscopic applications such as otolaryngology, arthroscopy, laparoscopic examination, urology, and gynecology

- · Control Android OS CCU.
- 4K UHD resolution 3840 x 2160 pixels.
- · HDR10 Video Processing.
- FHD 1920 x 1080 60fps Recording.
- FHD 1920 x 1080 60fps Play.
- · Supports multilingual OSD.
- Captures-PIP / Sizing Support.
- Moire reduction function.



♀ 12F, 221, Pangyoyeok-Ro, Bundang-Gu, Seongnam-Si, Gyeonggi-Do, Korea

Ray





# RCT800

#### X-ray Diagnostics

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## Dental Device that provides a three-dimensional face scan function that is taken simultaneously with CT images

- Conbeam CT provides three-dimensional imaging information in the form of a paranoma.
- Integrate the Impression scan, CBCT scan, and 3D Face scan images into ONE providing a new 3D virtual patient image.
- Oral, implant, orthognathic designs can be carried out in one capture.



# PAYDENT designer Al Teeth design

# Automatically designed to reflect the age-specific tooth wear and shape of the patient

- Automatically designed using all dental forms, such as premolar teeth, bicuspid teeth, and molar teeth.
- Can be used in both dental clinics and engineering labs. It includes varied prosthetic design features and occlusal adjustment.

# **SG HealthCare**

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www.sghealthcare.com

10 Yangnyeong-Ro, Yangpyeong-Ri, Moga-Myeon, Icheon-Si, Gyeonggi-Do, 17408, Korea





# MEDICAL DEVICE PRODUCTS



# Dominus series X-ray Diagnostics

A device that uses rotating multiple X-ray tubes and detectors to recombine data from different angles in co-planar to obtain whole-body tomography

- · High-quality images and fast scanning speed.
- Customizes functions for hospital settings (specifications).
- Provides powerful tools for three-dimensional post-processing: CT imaging, angiography, and multi-planar reconstruction.
- Consultation and support available through remote access.



#### Jumong series

#### X-ray diagnostics

# A device that uses x-rays to scan the human body for diagnostic purposes

• A variety of user options are available for a full range of applications, including chest, abdomen, and limb examinations.

• This vertical motor-driven system enhances working procedures.

# Signers

A-208, Keumkang-Penterium IT Tower, 215, Galmachi-Ro, Jungwon-Gu, Seongnam-Si, Gyeonggi-Do, 13217, Korea





# MEDICAL DEVICE PRODUCTS



# SUPIA CR System Digital Imaging

A device that digitally converts medical images and stores and transmits images using a computer radiography device (CR)

- Provides excellent clinical images with high-resolution image quality and affordability.
- Easy connectivity to any DICOM printer and paper printer.
- Supports multilingual settings and easily available special tools.
- High Throughput: Up to 72 IPs/Hour (14 x 17"/ 160 mm).

# **VUNO**

🕲 +82-2-515-6646 🛑 +82-2-515-6647 🗳 hello@vuno.co # www.vuno.co

9 6F. 507. Gangnam-daero Seocho-gu, seoul. Korea

# VUNO



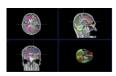
# MEDICAL DEVICE PRODUCTS



#### VUNO Med<sup>®</sup> -Bone age assessment BoneAge™

An auxiliary diagnostic software for reading the bone age of a child. It automatically detects the corresponding bone age by providing top 3 reference image suggestions.

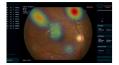
- Trained on thousands of hand x-ray images labelled by diverse physicians from partnering top-tier hospitals.
- · Enhances patient satisfaction by providing a through customized patient report.



#### VUNO Med<sup>®</sup> -**Brain parcellation DeepBrain®**

An auxiliary diagnostic software for parcellation of the brain in brain MRI. It provides information on brain atrophy through analyzed volumetric data.

· Provides quantification results of 100 brain regions in high speed and accuracy which equips physicians with better source for diagnosis of neurological disorders including Alzheimer's Disease



#### VUNO Med<sup>®</sup> detection in fundus Fundus Al™

An auxiliary diagnostic software for analysis of abnormalities in the fundus. It automatically draws 8 regions and detects 12 abnormalities.

Abnormality

- · Analyzes presence of 12 abnormalities and provides its locations
- Trained on more than 100,000 images labelled by 57 ophthalmologists

# Orthopedic and dental



- ╋ 70\_ A-MI Global
- 71 Atria
- 72\_ Bio Implant Technology
- 73 Cellumed
- 74 CORENTEC
- **75 DENTIS**
- 76 Duk-In
- 77 ENDOVISION
- 78 GENOSS
- 79 Hankiltech Medical
- **80 IMEDICOM**
- **81 INSUNG MEDICAL**
- 82\_ Jeil Medical Corporation
- 83 METABIOMED
- 84 Micro-NX
- **85 OK MEDINET KORE**
- 86 Osteonic
- 87 ScienceMedic
- 88 Seawon MediTech
- 89 TaeWoong Medical
- 90\_U&I Corporation
- 91 Veltz3D
- 92 World Bio Tech

# **A-MI Global**

22, Jangnimbeonyeong-Ro, 104Beon-Gil, Saha-Gu, Busan, 49465, Korea





# Atria

♀ A-701, 5, Seongsuil-Ro 8-Gil, Seongdong-Gu, Seoul, Korea

<u>A</u>tria»



## +MEDICAL DEVICE PRODUCTS





#### Gingival Retraction Cords

#### These materials are used in the retraction of gingival tissue around a tooth

- The unique knit design contains the hemostatic fluid inside to prevent bleeding.
- The knit rings are open, providing external force, and smoothly opening the gap between the teeth and the gingiva.
- The length of each product is 254cm and has 101, 102, 103, 104, 105, 106 thicknesses.

## +MEDICAL DEVICE PRODUCTS



## Dr.MED x Support and assist BOA FIT Sysyem

The products help the rehabilitation of the functional loss of body parts through a scientific design that considers anthropocentric characteristics

- Provides support and stability to the injured area (cervical vertebrae, upper limb, hands, waist, knees, ankles) in the form of ergonomic guards and assures a warm and comfortable fit through the use of neoprene fabric.
- Delivers fine control and intense pressure with a small amount of force.

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# **Bio Implant Technology**

2101 U-Tower, 1029 Yeongdeok-Dong, Gilheung-Gu, Yongin-Si, Gyeonggi-Do, 16950, Korea



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# Cellumed

Q 402, 130, Digital-Ro, Geumcheon-Gu, Seoul, Korea

Cellumed



## MEDICAL DEVICE PRODUCTS



## Rafugen DBM Gel Pro

Bone graft materials

#### Implant at the part where the bone defect has occurred

- High viscosity makes it highly plasticized.
- · Induces fast synostosis with DBM Powder.
- Excellent biocompatibility by using CMC and Starch as an excipient.



## Bio BMP2

## Bone graft materials

# Induces osteogenesis in the part where the bone defect has occurred

• Gel-type bone grafting material contains animal cell-derived osteoplastic recombinant protein in DBM (Demineralized Bone Matrix).

## MEDICAL DEVICE PRODUCTS



#### Kaolin Hemostatic Dressing Gauze

a quick hemostatic effect.

persensitivity reactions.

Haemostatic dressing

## Promotes the blood coagulation process through the ingredients of kaolin • Kaolin is a natural inorganic mineral that does

not contain harmful substances and provides

 It is a clinically safe substance without the risk of fever/ allergies/ counter-reaction/ hy-

KLOCTPAD CRAY Detectable Guize Katin Humostic Orestig Guize

#### Control Votator DualPor Collagen Putty reserver

DualPor®Collagen Series



## Collagen Bone Substitute Series

es Biomaterial

**Bone Formation** 

#### Collagen-

scaffold coated double pore structure collagen that acts as an extracellular matrix (ECM)

- Collagen accounts for about 22 percent of bone tissue, framing bone precursor cells, and helping them to act as ECMs.
- Allows vessel growth and bone cell movement by a macropore structure.
- Existing macros are advantageous for vessel growth, movement, and adhesion due to micro double pores' structural characteristics.
- Additional improvement in cell adhesion and proliferation due to the collagen component on the surface.

# CORENTEC

♀ 33-2 Banpo-Daero 20-Gil, Seocho-Gu, Seoul, Korea

## **G**rentec



# DENTIS

SeongSeoSeo-Ro 99, Dalseo Gu, Daegu, Korea

**9** DENTIS



## MEDICAL DEVICE PRODUCTS



## Submerged Qualified(SG)

Dental implant

# Implant for improving implant placement safety and rapid recovery

- Effective, rapid bone fusion is induced through Sandblasted, a large grit, and acid-etched(SLA) surface treatment.
- The design includes double and open screws and tapers for initial implant placement safety.



## Luvis M/L200

#### Dental modeling

#### 3D printing system applicable to various fields such as Model, Clear Aligner Model, Surgical Guide, and Wax-up

- A patient-customized model can be produced.
- High-quality F-seta lenses, galvanometers, and lasers with premium details.
- The Stereo Lithography Apparatus (SLA) 3D Printing System uses high-sensitivity lasers for modeling, regardless of complexity. It can even print fine expressions.

## ZENITH U

#### Surgical lighting

# Astral lamp for a large hospital and operating room

- If an obstacle is detected, a smart sensor can automatically adjust the illumination's intensity value to minimize shadow without blind spots.
- The constant lighting system minimizes light intensity changes in the treatment area.

## MEDICAL DEVICE PRODUCTS



## BENCOX

Hip arthroplasty

Artificial Joint

**Distal radius** 

implant

Corentec provides a wide variety of femoral and acetabular components that consider the unique needs of diverse patient

 The user can select from 4th generation ceramic delta heads and liners with excellent strength and bio-compatibility, highly crosslinked polyethylene heads, and liners with high abrasion resistance.



#### EXULT

## Providing optimal shape and movement for knee joints

- Corenetec's improved abrasion resistance and proven biomechanical performance enable excessive extension protection and high bending exercises.
- It enhances the movement of the patella and prevents hip dislocation.



## Optirad Volar plate

## Fixing system for distal radius fracture on the wrist

- The implant reduces tendon damage with an optimized design that is a watershed in design, featuring easy metal plate bending lines that can fit any anatomical shape.
- A variety of products are available to cover many surgical approaches: Anterior Cervical Interbody Fusion (ACIF), Posterior Lumbar Interbody Fusion (PLIF), Transforaminal lumbar interbody fusion (TLIF), Transforaminal Posterior Lumbar Interbody Fusion (T-PLIF), and minimally invasive oblique lateral interbody fusion (OLIF).
- It features an open space design that is optimized for a comfortable and complete union of bone graft.

# **Duk-In**

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# 🖪 Duk-In



## MEDICAL DEVICE PRODUCTS



## **Duk-In Cast**

**Disposables &** Consumer Goods

#### The Premium Plaster of Paris Bandage

- · Smooth, soft, creamy plaster formula.
- · Improved moulding properties and excellent finish.
- · Economical use with minimises plaster loss.
- Available in various sizes.



#### Duk-In **Casting Tape**

**Disposables & Consumer Goods** 

#### Synthetic Casting Tape with Fiberglass, Polyester

- · Excellent molding and light weight.
- · Perfect penetration for X-ray.
- · Great water proof.
- · Available in various colors and sizes.



## **Duk-In Splint**

**Disposables &** Consumer Goods

#### Synthetic Splint with Fiberglass, Non-Woven Fabric

- · Pre-cut Type: Convenient Use with various sizes.
- Roll Type: Economical Use.
- Anti-bacterial and deodorization treated
- Allows moving in short time.



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endovision infinite vision of the medical device



## MEDICAL DEVICE PRODUCTS



## **NEXOSEAL**

#### Local hemostatic dressing

#### Applies physical pressure to local areas for hemostasis

- · Rapid blood clotting through interaction with erythrocyte & thrombocyte (negative charge) in the bleeding sites.
- Absorption is 20 times more than the product weight.
- · Application of bio-materials advantageous to tissue regeneration (anti-bacterial and anti-inflammatory).



#### Surgical instrument

#### A rotatable clamp commonly used to grab, cut, or join tissue

- · Tools for osteotomy during surgery, including a heavy duty blade and saw.
- · Excellent rotational power and precise movement.
- · Ergonomic design.

# **GENOSS**

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♀ 1F, Gyeonggi R&Db Center, 105, Gwanggyo-Ro, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do, Korea

GENOSS For Patients & Doctors



## MEDICAL DEVICE PRODUCTS



## Genoss DES

Genoss Inflator B40

for vascular treatment

Angioplasty

Angioplasty

Skin care

#### Treats lesions in small vessels with a coronary artery stent

• The immunosuppressive drug "sirolimus" which suppresses the propagation of vascular cells is coted on the product.

Shrinks and inflates balloon catheters

· Balloon expansion with an analog pressure gauge that shows pressure up to 40atm. · Control the pressure with a plastic handle for pressurization and decompression and a button with a locking and loosening function.



#### Spine prosthesis Genoss 3D cage

#### Treats structural abnormalities caused by lumbar disc herniation

- · Used in orthopedics and neurosurgery.
- Made with SLM (Selective Laser Melting) 3D printing technology using titanium powder.
- · Various lengths and angles provide customized procedures for each patient's anatomical structure.

## MONALISA Lidocaine Filler

#### Temporary wrinkle improvement

- · Designed to allow the user to inject highly biocompatible hyaluronic acid with less force through the push rod and handle.
- . This reduces any adverse effects of the cross-linking agent on the human body.

# Hankil Tech Medical

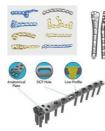
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## MEDICAL DEVICE PRODUCTS



## **HKT Locking** Plate System

**Orthopedic implant** 

#### Plate for fracture bone fixation

- · High-quality instruments for the convenience of surgeons.
- · Differentiated instruments with an anatomical design different from the general instruments.



## **HKT Cable Grip** Plate system

## **Orthopedic implant**

#### The selectable plate depends on the operation range and conditions for fracture bone fixation

- · Provides pre-outline anatomical design plates.
- · A cable and locking screws (optional) can be used together.
- · It consists of a stand-alone type and a connecting type and can be chosen depending on operation range and conditions.
- · Cable fixing screws easily pull the cables and improve stability.

# **IMEDICOM**

• 612, 172 Ls-Ro, Gunpo-Si, Gyeonggi-Do, Korea





#### + MEDICAL DEVICE PRODUCTS



## BH200

Orthopedics handpiece

# Use in osteotomy for trauma and joint replacement

 Speed can be adjusted gradually and easily changed between Forward and Reverse for easy drilling.

Use to remove the Acetabular cup during

· Removes the acetabular cup safely and ac-

· Efficiently reduces bone and tissue loss and

prevents additional non-bone fractures.





# SPINAUT-E

EZX ACETABULAR

hip revision surgery

curately.

CUP REMOVAL SYSTEM

Drug delivery

Orthopedics

handpiece

#### Delivers analgesics to the exact position within the spine

- The epidural catheter is designed to reduce issues that occur when delivering painkillers to the lower spine.
- A single working channel exists for drug delivery and the microscope.

## MEDIANUT-V

Drug delivery

# Delivers bone cement to the spine through a percutaneous approach

- A non-circular device for placement of bone cement in surgical sites.
- A convenient tool for injecting bone cement into the spine.

# **INSUNG MEDICAL**

♀ 168, Gieopdosi-Ro, Jijeong-Myeon, Wonju-Si, Gangwon-Do, 26354, Korea





## MEDICAL DEVICE PRODUCTS



## Human Port

#### Infusion

# A device used for patients who need parenteral nutrition treatment

- Suitable for patients with long-term repeated chemotherapy, cystic fibrosis, and long-term transfusion.
- Made of titanium and composed of a large septum, it is easy to focalize.



## Human Catheter

## Percutaneous catheter

#### A device that delivers materials through the skin by inserting them into an artery or vein

- Available for premature infants and newborns
- Radiological catheters marked for each cm(centimeter).

# **Jeil Medical**

♀ 702 Kolon Science Valley 2Nd, 55, Digital-Ro 34, Guro-Gu, Seoul, 08378, Korea





## MEDICAL DEVICE PRODUCTS



#### ARIX Wrist Ulna Osteotomy System

Osteotomy

#### Osteotomy guide for continuous adjustment from 1mm to 10mm

- Minimizes the risk of soft tissue irritation due to its anatomically rounded edges and thin ends.
- · Includes a multi-axis locking screw system.
- Provides the ability to make necessary adjustments to perform the first and second cuts without multiple guides. These can be controlled according to the desired amount.



## Orthonia

Dental handpiece

# Electric torque driver developed for an orthodontic screw

• This product allows the selection of a head part (straight or angled), torque, and provides speed control adjustment. These options can dramatically reduce the failure rate of ortho-dontic screws.

# **META BIOMED**

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\$\\$ www.meta-biomed.com

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## MEDICAL DEVICE PRODUCTS



# Gutta Percha Point

Root canal filling material

#### Root canal filling material used for endodontic treatment

- · Save time with easy charging.
- · Use for faster and easier canal obturation.
- Variable taper and size.
- · Length is displayable.



#### E&Q Master

Root canal treatment

# Battery removable wireless canal charger

- Provides a comfortable grip with an easy to use handle.
- The low voltage battery enhances safe operation.
- It is quick and easy to learn the device's simple process.



## BoneMedik-S

#### Bone graft

# Bone graft replacement based coralline hydroxyapatite (CHA)

- Involves no biological rejection and no possible epidemic-related transmission.
- No further surgery is required to collect bones for implantation.
- Accelerate osteogenesis with silicon ions containing HA backed up by US patents (Si-Content: 0.6wt% on average).

# Micro-NX

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## MEDICAL DEVICE PRODUCTS



## ELEC

**Dental surgical handpieces** 

## Developed with an ultra-high RPM (150,000 rpm) precision brushless motor

- · Production includes customized micro and LED light type motors.
- · Various dental treatments are available and can be used in implant surgery and unit chair systems.



## **ELEC UNIT**

#### **Dental Chair**

#### Unit-chairs system with CAD/CAM and prosthetic specialization

- · Features the development and integration of various units such as externally removable suction filters, sterilized/distilled water tanks, and automatic drain air filters.
- · Maximizes the dental treatment environment.

## **AQUA 120K**

#### Dental work

#### High speed electric FG motor for dental work

- An electric motor with a maximum 120,000 rpm speed has an excellent performance in zirconia ceramic processing. Includes a builtin water tank for direct water flow.
- Maximize efficiency with a spray and a LED function to prevent crack.

# **OK MEDINET KORE**

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• 4-415, 130, Digital-Ro, Geumcheon-Gu, Seoul, Korea







## MEDICAL DEVICE PRODUCTS



#### **Kyphoplasty Balloon System**

**Bone Cement** Dispenser

#### A device that delivers bone cement with **Balloon inflation**

- · Vertebral compression fracture due to Osteoporosis
- Osteolytic fracture
- Metastatic bone fractures



## **RF CURER**

#### Percutaneous Disk Decompression

#### Endoscopic device for effective pain management without spinal surgery

- · A single use sterilized device
- A directional control electrode to approach to HNP (Herniated nucleus pulposus)

#### E DISK

#### Percutaneous discectomy

#### For effective pain management without spinal surgery

- Discogenic pain
- Contained disk herniations
- · Herniated disk degeneration

## NVC

#### **Epidural Neuroplasty**

#### Spine Neuroplasty Without Surgery

- (Bidirectional) Movable Catheter
- · Backache syndrome after surgery : Failure syndrome after spine surgery
- · Chronic Spine Pains: Spinal Stenosis
- · Intractable backache and sciatic neuralgia

# OSTEONIC

♀ 1206 Ace Techno Tower 3, 38 Digital-Ro 29-Gil, Guro-Gu, Seoul, Korea





## MEDICAL DEVICE PRODUCTS



#### Optimus CMF System

Orthopedic implant

#### Improved plate to solve the clinical problems faced in mandible surgery

- Reduced cutting area due to the low basic profile of the plate/screw.
- An innovative screw design enables low insertion torgue.
- The round plate edges reduce soft tissue irritation.



## BIODEGRADABLE Orthopedic CMF PLATING SYSTEM

# A plate with high biocompatibility, absorbency, and osteoconductivity

- Provides sufficient physical intensity for the reconstruction of the skull (maxilla).
- Maintains its intensity for at least 16 weeks and carries out in-vivo biodegradation for 12 months.
- A second surgery to remove implants is not required.



## TRAUMA & Orthopedic implant EXTREMITIES

# A simple and comprehensive anatomical plate that provides flexibility and convenient use

- The implant's color-coding (plate and screw) can be easily identified.
- The pre-outlined plates save adjustment time during surgery.
- The plate's round edges reduce soft tissue irritation.

# **ScienceMedic**

SF Sciencebuilding 104, 24Beon-Gil, Jeonpa-Ro, Anyang City, Gyeonggi-Do, Korea





## MEDICAL DEVICE PRODUCTS



#### SMB-100M, SMB-700D

Orthopedic handpiece

# Used for osteotomy for trauma and joint replacement

• This battery-type handpiece is portable and suitable for delicate surgical operations.



# Pneumatic power tools

Orthopedic handpiece

# An integrated handpiece used for bone drilling, reaming, and repair

- Easily assemble and disassemble drills, reamer, wires, pins, and saw attachments for multi-hand pieces.
- Ergonomic design incorporates power and durability offered at a low price.



## Saw Blade

#### Osteotomy

# Sharp-edged saw blades enable bone cutting through horizontal vibration.

- Can be manufactured according to all customer specifications
- It is competitively priced and is chosen by more than 60% of the local market.

# **Seawon MediTech**

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# **TaeWoong Medical**

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## MEDICAL DEVICE PRODUCTS



#### **Niti-S Biliary Stent**

For biliary

# A stent to maintain full internal patency in the winding biliary tract

- Consists of an insertable metal stent and an introducer system.
- Both a covered stent and a non-covered stent are available.

## Niti-S Esophageal For esophagus Stent

#### A stent using Double-Type Stent, Proximal Release Delivery System, and TTS Delivery System

- Consists of an insertable metal stent and an introducer system.
- Clinicians can select different types of stents depending on the indication and provide options.

# Niti-S Duodenal/ For duodenum, large intestine

#### A stent for relieving treatment for malignant pyloric/duodenal and colorectal closures

- Consists of an insertable metal stent and an introducer system.
- Both a covered stent and a non-covered stent are available.

## MEDICAL DEVICE PRODUCTS



## SPASY

Spine implant

# Spinal alignment system for spinal compression fracture

• The product is used for percutaneous spinal surgery. It stabilizes and recovers the height of myelomere involved with pressure fractures.

#### ABRO

#### Disk treatment

# A treatment system for Herniation of intervertebral disk

- Minimizes damage to the surrounding tissues and offers high-frequency energy treatment to relieve leg, arm, back, and neck pain, a typical sign of a herniated intervertebral disk.
- Minimally invasive surgery allows for rapid recovery and minimizes complications.

## **Hi-Neck**

#### Spinal Traction

#### A pillow that provides ergonomic traction

 Smoothly pulls the neck muscle to realign the spinal disc, releasing nerve root tissue from the pressure of the disc.



# **U&i** Corporation

♀ 1F, Sangwon 12-Gil, Seongdong-Gu, Seoul, Korea





## MEDICAL DEVICE PRODUCTS



## Resomet

#### Orthopedic implant

#### Biocompatible orthopedic screw

- · Manufactured from a Mg-Ca alloy.
- It can be absorbed for 6 to 18 months, depending on the application.
- · Promotes the normal headings process.



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**D2** 





## MEDICAL DEVICE PRODUCTS



#### Dental modeling

# 3D printer for curing resins (DLP) with light optimization for the dental field

- A high precision and finely laminated structure includes wavelength areas of 405, 385, and 365 nanometers for fine light control.
- Applies a 15-200-micron adjustment function and incorporates an error measurement correction algorithm.



## Aspiron ACP

#### CP Orthopedic implant

#### Used to fix a cervical screw and plate

- One-click locking mechanism.
- Hybrid system for fixed and variable screws and plates.
- · Torx screw head with a self-locking mechanism.
- Simple screw removal with a simple screwdriver and removal sleeve.

# **World Bio Tech**

#### www.wbtkorea.com

612, 560, Dunchon-Daero , Jungwon-Gu, Seongnam-Si, Gyeonggi-Do, 13230, Korea





## +MEDICAL DEVICE PRODUCTS



## Bijou

Orthodontics

#### **Orthodontic Bracket for Teeth**

- Plasma silica coating enhances durability and has optimal transparency.
- Round Design delivers comfort to patients



## **Fix Crew**

Orthodontics

#### Screws for orthodontics

- Made of titanium, significantly reduces the possibility of fractures.
- Self-drilling and self-tapping provide comfortable treatment for both doctors and patients.
- "Screw for Orthodontic (TAD)".
- "Diameter: 1.4mm to 2.0mm // Length: 6mm to 14mm".



## Automatic Strips Dental treatment

# Correction of teeth or the restoration surface

- Effective teeth eduction using diamond-coated blades.
- The perforated design facilitates handling of foreign substances during treatment.
- Its locking tapered type makes it easy to ligature and separate from the handpiece.
- "IPR system".

# Disposables & Consumer Goods

96\_ ALTOCHEM
97\_ BioPlus
98\_ Durico C&T
99\_ Everaid
100\_ Feeltech BIO
101\_ Firson
102\_ INCYTO
103\_ INOD
104\_ openM
105\_ SAEUM MEDITEC
106\_ SM ENG
107\_ SUNGKWANG MEDITECH
108\_ VAXCON-BNR
109\_ WONBIOGEN
110\_ YOUNG CHEMICAL

107. 108. 109. 110.



# **ALTOCHEM**

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Altosplint





**Orthopedic cast** 

## MEDICAL DEVICE PRODUCTS





# A product used when a part of the body

## needs to be pressed into a posture or supported body

- . This is a synthetic orthopedic product for emergency and temporary use. It consists of either a single non-woven fabric made up of an outer pad and glass fiber of seven to eight layers or water-activated polyurethane.
- · Excellent formability and moisture exposure will make a splint thicker. The cast takes approximately four minutes to set up.
- Great x-ray permeability, allowing heavy.

# **BioPlus**

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BioPlus Co., Ltd.



## MEDICAL DEVICE PRODUCTS



## HyalDew All

#### Skin beauty

#### A temporary improvement in facial wrinkles

- · It can be used for deep wrinkles, fine wrinkles, and lip augmentation. It can also be used as a mesotherapy product.
- MCL technology enables a natural finish as the product is long-lasting and modified easily.





#### InterBlock

**SynoFil** 

#### Adhesion prevention

#### Prevents adhesion growth between the surgical site and its surroundings

- · Prevents adhesion by applying biocompatible hyaluronic acid after spine surgery or hysteroscopic, endoscopic, or laparoscopic surgery.
- · Prevents complications by accurately employing it where necessary to prevent adhesion to organs and tissue adhesion formation.

#### Synovial Fluid Replacement

#### Cleanses the physiological saline used during arthroscopic surgery

· Temporarily replace the lost knees and shoulder joint synovial fluid.

# **Durico C&T**

♀ 2F, 21, Banpo-Daero 26-Gil, Seocho-Gu, Seoul, 06648, Korea





## +MEDICAL DEVICE PRODUCTS



## Super ULSTAR

Ultrasound film

# The UV curving cured ultrasound film includes has perfect

- This direct thermal synthetic film for video printers is used for printing high-resolution ultrasound scan images.
- The UV curving ultrasound film includes perfect resistance to oxygen and water and has a very high optical density.





# **Everaid**

**Q** 36, Dulleom-Gil, Yangsan-Si, Gyeongsangnam-Do, Korea

EVERAID



## MEDICAL DEVICE PRODUCTS



## AIDFoam

#### Absorb exudate

HDI type hydrophilic foam dressing with special fluid locking structure including high absorption and maintenance capacity

- It can absorb 10 to 14 times its weight and mini-mizes leakage.
- Its highly adhesive silicon can be reattached on the skin, increasing the ability to be active.
- Minimizes skin pain and damage when changing the dressing by providing a long-wearing period.

## AlDerm

#### Wound protection

#### High MVTR PU transparent film dressing

- Sterilized thin, matte film dressing perfectly protects skin and wounds from external pollutants such as bacteria, germs, and fluids, preventing secondary infections.
- Moisture and sweat evaporate due to high humidity, which reduces allergic reactions even if used for an extended period.

#### NeoDerm

#### Wound protection

# High-adhesive hydrocolloid dressing for superficial wounds and other surgical wounds

- Features high adhesion to the skin, minimizing skin trouble as compared to general hydrocolloid dressing.
- Creates a wet environment where necrosis tissue can self-degrade and be removed.

# **Feeltech BIO**

313 Woorim W-City 9-22 Pangyo-Ro 255, Beon-Gil, Bundang-Gu, Seoungnam Si, Gyeonggi-Do, Korea





## MEDICAL DEVICE PRODUCTS



## FEEL ject

## Skin injection

#### Latex-free, non-toxic insulin syringe

- Almost painless injection with comfortable use.
- · Needle attached very safely.
- Reduce dead space for waste reduction.
- Bold and clear numbers are marked for easy reading.



## FEEL fine

#### Skin injection

#### Latex-free, non-toxic disposable insulin syringe needle

- Almost painless injection and comfortable use.
- · Needle attached very safely.
- E.O. gas sterilization.

## NANOLET

#### Bloodletting needle

#### Used for blood sampling of capillary

- · Controls depth invasion.
- Three distinct bevels make it easy to insert a needle.
- · Almost painless blood lancet.
- · Gamma radiation sterilization.
- · Painlessly removes vibration.

# Firson

47, Baekseokgongdan 1-Ro, Seobuk-Gu, Cheonan-Si, Chungcheongnam-Do, Korea

📕 Firson



## MEDICAL DEVICE PRODUCTS



OPizyme

## **Opidex Solution**

#### Sterilization of Medical Devices

# A solution containing O-Phthaldehyde sterilizes or disinfects medical devices

- Chemically sterilizes and disinfects medical devices directly used in subcutaneous tissues or mucous membranes, which are at high risk of microorganism.
- · infection and organic pollution.
- Sterilization of medical devices potentially contaminated by the hepatitis B virus.
- Heat sterilization of surgical instruments, medical devices used in obstetrics/gynecology and urology, dental instruments/accessories, syringes or thermometers, and rubber or plastic instruments.



## Opizyme

#### Sterilization of Medical Devices

# Enzyme detergents for sterilization or disinfection of medical devices

 Medical special enzyme detergents consisting of the three compound enzymes of protease, amylase, and lipase for dissolving proteins, carbohydrates, and lipids and neuter non-ionic surfactants.



# INCYTO

64, Hongcheondanggok-Gil, Ipjang-Myeon, Seobuk-Gu, Cheonan-Si, Chungnam-Do, 31056, Korea



**ПСҮТО** 

N INCYTO Needle RN

N INCYTO Needle-VN

INCYTO NEEDLE

MEDICAL DEVICE PRODUCTS

38G-

CE 🔍 🖉 🎯



Micro

Needle

# INOD

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INOD



## MEDICAL DEVICE PRODUCTS



# Q.P Fiber Post PLUS

#### Teeth fix and retain estoration

- Support and fixation of the restoration in the root canal treated teeth
- High transparency and aesthetic quality, strong bending strength, and optimum opacity.
- Products that incorporate bio-friendliness and a high safety standard.



#### INCYTO Needle-RNT, INCYTO Needle-VNT

Sterile micro-needle and cannula for drug delivery, aspiration of blood and body fluids. O.D. :38G~50G (e.g., ophthalmic :Vitreous and Sub-ret-

inal injection as well as aspiration).Micro needle and cannula can be used to de-

- liver protein, vaccines, DNA, antibodies and other biomolecules.
- Drawing lithography technology ensure that the needle length and diameter are controllable for safety and lower pain.



## **U.P Fiber Splint**

## Teeth fix and retain

# Fixation of off-center teeth and teeth retained after use of a dental brace

- Can be fitted with minimal teeth reduction and is biocompatible and aesthetic.
- It has high tensile strength and features the excellent absorption of the bonding agent.
- It can also be attached with flowable resins.

# openM

• 413, Expo-Ro, Yuseong-Gu, Daejeon, 34051, Korea



) (ی)

## MEDICAL DEVICE PRODUCTS



#### Opencast

Orthopedic cast

# A product that incorporates support to compress and repair parts of the body

- Next-generation cast that enables washing and showering by patients who wear casts.
- The skin is open to the outside, which reduces itching and odor.
- · It can be repeatedly detached if required.

# **SAEUM MEDITEC**

Section 22: Section 2: Sectio

102-1406, 36, Bucheon-Ro 198Beon-Gil, Bucheon-Si, Gyeonggi-Do, 14557, Korea

SAEUM KEDITEC

## $(\bullet) \bigcirc$

## MEDICAL DEVICE PRODUCTS



#### EPI-Detection

Negative pressure measurement

#### A medical device that detects the epidural space by monitoring the negative pressure of epidural space

- Negative pressure is detected at a preset pressure-critical value and transmits the information to the LED.
- As saline and air injection is not used, it can prevent complications such as Pneumocephalus or air embolism, epidural hematoma, post-dural.



#### Cure-fix

#### Fixing drainage tube

# Temporarily fixes the medical device on the skin

- Silicon friction prevents drainage tube displacement.
- Simple connection structure.
- Gently attached along the curvature of the skin with a hydro-colloid band.
- Hydro-colloid material reduces pain when attached and detached.

# **SM ENG**

• 46 Nakdong-Daero 1302 Beon-Gil, Sasang-Gu Busan, Korea





## MEDICAL DEVICE PRODUCTS



#### Wound closure

#### An absorbable suture used for clipping and repair of tissue

- The suture is a synthetic absorbable one, composed of 90% glycolide and 10% L-lactide.
- After two weeks, 75% of tensile strength is maintained, and 50% of tensile strength lasts for up to three weeks.
- It takes 56 to 70 days to reach full absorption.



## REXLENE

CRYLREX

#### Wound closure

#### A non-absorbable suture used for clipping and repair of tissue

- Non-absorbable.
- · High tensile strength
- · Resists repetitive bending.
- · Does not cause skin injury or infection.

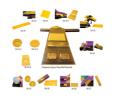
# SUNGKWANG MEDITECH

**Q** 1014 - 20, Bukhansan-ro, Jangheung-myeon, Yangju-si, Gyeonggi-do, Korea





## **MEDICAL DEVICE PRODUCTS**



## Gel Pad

#### Bedsore

# Prevents capillary clogs and ulcers by reducing pressure on the area of the patient's skin

- Use the right position during surgery to prevent excessive pressure and clog formation in capillaries.
- Distributes weight evenly and sustains a patient continuously from the bottom.
- Uses X-ray transmission material.



### Sterilization (Autoclave) case Case

For microsurgical instrument, or various scope, for maximum protection and flexible handling, made of resilient polymer

- · Silicon bars or mat are placed to protect
- Designed to withstand repeated exposure to 134°C steam temperature.
- Steam / EO / Plasma sterilizable.

#### X-ray protective Radiation protection lead & non lead aprons equipment

# For personal protection in the medical use of radiation.

- Lightweight, high quality and cost effective aprons will help you to endure it longer & easier.
- Front protection type, Front & Back type, Vest & Skirt type, X-band type are available.

# **VAXCON-BNR**

Biz Tower No. 2309 26 Yangpyeong-Ro 21-Gil, Yeongdeungpo-Gu, Seoul, 07207, Korea





Endoscopic

## MEDICAL DEVICE PRODUCTS



## SAFEPASS Trocar

A disposable needle used to perforate

## tissue to insert medical instruments during endoscopic procedures

- Transparent sleeve.
- Users can conveniently use 4.5 to 12mm instruments without a separate converter.
- Easy separation of the sleeve from the main body enables convenient use.



## Safe Pouch Bag

#### Endoscopic operation

Wound reflector

# An instrument for extracting tissues and extracts during an endoscopic operation

 Features a pouch hold-down device: the system can be used with a single hand, and the opening is adjusted to suit the shape of the specimen.



## Safe Wound Retractor

#### A manual instrument used to widen lesions

- · Single Port Interface.
- Minimal incision.
- · Self fixation.

# WONBIOGEN

💡 56, 1Gongdan-Ro 5-Gil, Gumi-Si, Gyeongsangbuk-Do, Korea





#### + MEDICAL DEVICE PRODUCTS



## Therasorb

#### Skin treatment

#### Absorbs exudate from wound areas and creates a wet environment to protect wounds and prevent contamination

- Excellent permeability and the ability to absorb exudate.
- Contains alginate and helps hemostatic action through a gel reaction when blood is encountered.
- It contains factors that help heal wounds.

# **YOUNG CHEMICAL**

🔇 +82- 1688-1361 🖶 +82-55-323-9523 🗳 yc@youngchemical.co.kr # www.youngchemical.co.kr

80-93, Golden Root-Ro, Juchon-Myeon, Gimhae-Si, Gyeongsangnam-Do, Korea

## (주)영케미갈



## **MEDICAL DEVICE PRODUCTS**



## **PLAID Elastic** Ace Band

Scar protection

#### Uses medical adhesive of fabric with good elasticity

• It is safe for the skin as a medical adhesive as it avoids irritation. The cushion pad a disinfectant, has an excellent protective and sterilizing effect on the wound.



## PLAID HYDRO-COLLOID

#### **Dressing Exudate** absorption

Dressing

#### Can be easily used for the various size of wound

- · Protects scars from water, dust, and bacteria and absorbs exudate, creating a wet environment to aid quick wound recovery.
- · Prevents scabs, avoids scarring, and when they occur, heals scars faster.



## YOUNGWOUND **DRESSIING - SILVER**

Using surface treatment with poly-net, it does not stick to the scar and has excellent antibacterial ability through its use of silver

- · Polyethylene meshed non-woven pads con-taining silver provide excellent ventilation and release heat well.
- · Various sizes can be selected depending on lesion size, and the packaging is sterilized separately.



05

# Biometric monitoring equipment

114\_ ACCUNIQ
115\_ Bio Medical Technologies
116\_ Bistos
117\_ HUINNO
118\_ InBody
119\_ INTIN
120\_ Mediana
121\_ Olive Healthcare
122\_ REZUM
123\_ Seers Technology
124\_ TRIBELL LAB
125\_ VOTEM



# ACCUNIQ

🔇 +82-42-879-3000 🖷 +82-42-864-4462

www.accuniq.com

♀ 155, Sinseong-Ro, Yuseong-Gu, Daejeon, Korea

# **ACCUNIQ**



## MEDICAL DEVICE PRODUCTS



## ACCUNIQ BC720 Body fat analysis

#### Estimates abdominal obesity by measuring body fat and muscle mass

- Recognizes risks through the prediction of the internal fat area.
- The muscle mass measurement of each part of the body is applied to a person who needs a muscle mass or muscle strength increase in a specific area, such as athletes or rehabilitation patients. Hence, it is easy to evaluate the effectiveness of exercise or rehabilitation treatment.
- The device sends measurement data to mobile devices such as smartphones and tablet PCs through the QR Code Scan.

# **Bio Medical Technologies**

♀ 101 Megu Bldg, 21-10 Dongho-Ro 15-Gil, Jung-Gu, Seoul, Korea





## +MEDICAL DEVICE PRODUCTS





S S S SHE

## BA-1000A

#### Anesthesia monitoring

# Collects raw EEG data showing brain activity in real-time

- Data filtering, analyzing, and matching using clinically validated algorithms.
- The results are continuously calculated and presented in the CSI index (representing the patient's response to an anesthetic).

#### BMT Sensor

#### **PPG monitoring**

Disposable PPG sensors are compatible with those of major manufacturers of patient monitoring systems

- The latex-free rubber-based adhesive coating tape is removed cleanly without causing skin trauma, although it is well bonded with the skin.
- Available in four sizes, mainly for adults, newborns, children, and infants.

## Bio cuff

#### Blood pressure measurement

Meets current clinical guidelines for proper cuff size and wear as provided by AAMI

• The compatible monitor models are: Nellcor, Criticare, Datascope, SpaceLabs, Philips, BCI, Drager, Fukuda-Densh, Nihon-Kohden, Critikon, Wellch Allyn, Marquette, GE, Datex-Ohmeda, Siemens, and others.

## Bio Neuro sensor

Bispectral index EEG sensor

BIS compatible EEG sensor works with Covedien/medtronic BIS monitors

• BIS module at integrated patient monitoring systems

# **Bistos**

**BT-350L** 

**BT500** 

7th FI, A Bldg., Woolim Lions Valley 5-Cha, 144-3, Sangdaewon-Dong, Jungwon-Gu Seongnam-Si, Gyeonggi-Do, Korea





## MEDICAL DEVICE PRODUCTS



#### Antepartum monitor

#### The fetal monitor measures the fetal heart rate and the uterine contractions of the mother

- Nine high-sensitivity ultrasonic sensors in a Doppler probe are attached to the mother's abdomen to analyze and display the fetal heart rate from the signal transmitted from the fetus' heart.
- Measures and displays the uterine contraction of the mother using a pressure sensor.
- Includes a rechargeable battery and a compatible central monitoring system with a waterproof probe.



Incubator

# Provides an environment for infant health recovery

- Provides a comfortable environment with a precise temperature and humidity control function and low-noise design.
- Remote monitoring is possible through the camera, and blood oxygen saturation and the infant's bio-signal can be monitored through the monitor and scale.

# **HUINNO**

SF, 505, Bio-Hub Research Lab, 117-3, Hoegi-Ro, Dongdaemun-Gu, Seoul, Korea





## MEDICAL DEVICE PRODUCTS



## MEMO Watch

#### ECG Measurement

Ultra-low-power wearable devices that monitor and analysis ECG-related data at any time in any location

- ECG monitoring and analysis information available in hospitals.
- Analyzes the measured ECG via the available data to detect an abnormal ECG.



## **MEMO** Patch

#### **ECG Electrode**

#### A new ECG electrode to help the medical staff accurately treat and prescribe

- Data related to the heart, such as ECG and pulse, can be continuously monitored for more than seven days.
- Long-term continuous ECG measurement compared to conventional Holter ECGs is available. It records intermittent arrhythmia symptoms without overlooking them.

## **MEMO AI**

#### ECG analysis

#### Applying world-class AI-based arrhythmia analysis algorithms

- Combines learned AI models with remote monitoring systems using tens of thousands of ECG data collected from hospitals.
- Provides proper measures and follow-up management functions through rapid health condition diagnosis.
- Used primarily in health-related sites, examination centers, hospitals, and laboratories, which require highly pure results.

# InBody

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• 625. Eoniu-Ro, Gangnam-Gu, Seoul, Korea

MEDICAL DEVICE PRODUCTS





# INTIN

🕲 +82-70-4678-7913 🛛 🖶 +82-70-4678-7913 🖾 intin@intin.kr @www.intin.kr

• 4F, 771, Gyeongan-Ro, Dong-Gu, Daegu Metropolitan City, Korea



## MEDICAL DEVICE PRODUCTS



## O view-M

#### Semen Analysis

#### Analysis of sperm count and movement using with smart devices

- This consists of a disposable chamber and cover. It is used to prepare for pregnancy and check the sperm condition after a vasectomy.
- · Periodic tests check the number and movement of sperm.



#### InBody970 analyzer Body fat measuring device with a high

**Body composition** 

frequency up to 3MHz · Accurate and highly utilized results such as research result sheets and comparative results sheets are provided.

- Applies Simultaneous Multi-frequency Impedance Measurement (SMFIM) technology.
- · Age-specific graphs for each body composition based on accumulated in body data.

#### InBodyBAND2 Healthcare watch

#### Easily check body composition with a watch anytime, anywhere

- Body composition tests, 12 exercise recognition training, heart rate measurement, and sleep analysis are offered.
- · Check muscle mass and the body fat rate in real-time.
- · Data transfer is possible through the Bluetooth function.
- · Accumulated management of body composition test results through the in body application.

## **BPBI0750**

Blood pressure measurement

#### Provides accurate measurements by inducing the correct measuring position

- · Cuff and elbow sensors induce an accurate measuring position.
- · Smart interface for self-measurement even in a measurement environment without a manager



## O view-W

#### Examination of ovulation Date

#### Analyze ovulation date information through smart devices

- Use the disposable paper, which can be wetted with saliva. Check the results quickly and easily.
- · Easily manage data by storing film results on a smartphone.
- · Used for people who suffer from irregular ovulation and in pregnancy planning.

# Mediana

132, Donghwagongdan-Ro, Munmak-Eup, Wonju-Si, Gangwon-Do, Korea

# () MEDIANA



# **Olive Healthcare**

Bello

♀ 4F, 12Th, Courthouse 11-Gil, Songpa-Gu, Seoul, Korea

Olive Healthcare



## +MEDICAL DEVICE PRODUCTS



#### Belly Fat Scanner

# Accurate Metabolic Health Analyzer with Smart App

- Bluetooth, Handheld, Compatible with Apple Health and Google Fit.
- Accurate Measurement : Holistic view of your inner (visceral) and outer (subcutaneous) fat.
   Proprietary technology that utilizes NIR (Near Infrared Light) to a CT scan level accuracy.
   Superior to BIA smart scales; bello's readings are not affected by water intake and will give you precise results.
- Fully Dedicated Mobile App : Free complementary app with frequent feature updates. Complete review and granular analysis of your daily progress. Hassle-free Bluetooth connection. Option to sync with Google Fit and Apple Health for complete management of your health.
- Award Winning Design : 2020 iF Design Award winner. Portable pocket size at 3.6-inch-height x 3.2-inch-width. Weighs just 4.2 ounces. Tempered glass sensor cover. Non-slippery soft plastic finish on the device's body. LED display for device status.
- Portable and Easy-to-Use: 0 requirement for extra preparations or conditions to scan. 1 button for streamlined use. Takes 3 seconds to see complete results. Lasts up to 4 months after a full charge. Sharable with up to 4 people.

## MEDICAL DEVICE PRODUCTS



#### M50

15 inch Touch Screen Patient monitor

Modular / Patient monitor

- Provide sall parameters(ECG, SpO2, Temp,
- Capnography, IBP, Multi-gas, BIS) forPatient • Reviews a wide range of events for up to 10
- days.
- Support Central monitoring System by Wireless and LAN



## D700

#### Monitor & Manual Defibrillator

Integrated Defibrillator with Manualmode, Monitor Mode, AED mode and Pacing mode.

- ProvidesMulti-Parameters(ECG,NIBP, IBP, SPO2, Capnography, Temp)
- Support CPR Feedback &Voice Recording Function.

# InfoWare G

## InfoWare G

Central Monitoring System

# Display waveforms and figures for up to 16 people on the main screen in real-time

- The waveform of alarm is stored automatically, Trend date is stored for maximum 72hours
- Monitors and reviews real-time waveforms for 72 hours, patient trend data for 72 hours, alarm logs and storage strips for 30 seconds, and all waveforms per event.

# REZUM

**Q** 302, 4-12, Songsan-Ro 339Beon-Gil, Namyangju-Si, Gyeonggi-Do, Korea

# 🕐 re:zum

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# **Seers Technology**

1401, 8, Seongnam-Daero 331Beon-Gil, Bundang-Gu, Seongnam-Si, Gyeonggi-Do, 13558, Korea

seers

## MEDICAL DEVICE PRODUCTS



## HH-800

Remote Gateway

#### Unique remote health gateways inter-operate with a variety of health sensors through "plug-and-play" technology

- Instant access to medical sensors that measure important signals such as blood pressure, blood glucose meters, and digital scales.
- Provides diverse functions including video meetings, voice calls, appointment scheduling, evaluation, training, and account management.



#### MC100

#### **Biometry electrode**

# Measure ACTIVE ECG, HR, HRV, respiratory rate, activity

- Continuously minimizes noise caused by motion artifacts. Offers accurate non-invasive measurement of ECG, heart rate, heart rate variability, activity, and respiratory rates.
- An additional bio-patch measures auxiliary temperatures and bio-impedance for specific purposes.

MEDICAL DEVICE PRODUCTS

## RZBP-060

Temperature measurement

# Measures the body temperature emitted by the facial skin

- Infrared sensors measure the temperature emitted by the skin and convert it into an electrical signal.
- Non-contact measurement.
- One-click measurement is easy for anyone to use, and quick results can be checked within two seconds.
- It is designed to be gripped naturally by hand, making it convenient to use.

# **TRIBELL LAB**

New Building 210, Yeungnam University Entrepreneurship Center, 280 Daehak-Ro, Gyeongsan-Si, Gyeongsangbuk-Do, Korea

## 🔁 TriBell Labs

## MEDICAL DEVICE PRODUCTS



🖪 TriBell Lab

#### VP-100

SDC-1000

#### ECG Measurements

Medication alarm

#### Long-term clinical ECG records with Android-based IoT medical devices

- Continuously records heart rate and heart rate variability information at once without ECG wires.
- Through Bluetooth, information can be shared with doctors anytime, anywhere via the application, and information can be stored up to 100 times through the self-storage function.

The user can set the medication time to allow the caregiver to check the patient's medication information

- Sets the 24-hour medication time and alerts the accurate medication time through a timer.
- Medication information is sent to the platform via the module.

# VOTEM

27, Geodudanji 1-Gil, Dongnae-Myeon, Chuncheon-Si, Gangwon-Do, 24398, Korea



## +MEDICAL DEVICE PRODUCTS



## VP-1200

## Patient measurement device

# Monitoring device capable of 3CH ECG and 12CH ECG analysis

- Smaller size but includes a wide display.
- · High durability and light lithium-ion battery.
- Supports multilingual and varied advanced functions.



## VO-100

#### Oxygen saturation, PPG measurement

#### Measures oxygen saturation in blood

- Uses symbolic icons to increase understanding.
- Includes long patient trend data during 72 HR.
- . Change the sound tone at the SpO2 level.
- · Long battery life: 12 hours.

# Physical therapy and rehabilitation equipment

128\_ BMB CERAMIC 129\_ CST 130\_ DAESUNG MAREF 131\_ GH INNOTEK 132\_ HUWANT 133\_ JINNYS 134\_ MAXSTAR INDUSTRIAL 135\_ NEOMED 136\_ ShinHwa Medical 137\_ T.I.P International 138\_ WALKBOT 139\_ WelbuTech

140\_ Winiz

# **BMB CERAMIC**

Hyojaro 45, Hwangcheon-Myeon, Yeoju-Si, Gyeonggi-Do, Korea

## **B**/BMB CERAMIC

## MEDICAL DEVICE PRODUCTS



## Ceramin Bed

Blood circulation improvement

# Uses rotational electromagnetic waves $(\pi$ -ray) to vibrate somatic cells in the human body and promote metabolism

- Uses wave energy generated from pottery produced in high-temperature kilns by mixing 12 minerals.
- Energy and somatic cells resonate and spread quickly into the entire body's skin, promoting blood circulation and metabolism.



 9-10, Naechuoksu-Gil, Bugi-Myeon, Cheongwon-Gu, Cheongju-Si, Chungcheongbuk-Do, Korea

**G**artus<sup>®</sup>

## MEDICAL DEVICE PRODUCTS







## ARTUS CPM

#### Rehabilitation of upper limb

A device for early recovery of joint function and enhancement of the joint range after shoulder and elbow joint surgery

- Flexion / Extension: 20°- 180°
- Abduction / Adduction: 20° 160°
- Rotation: -60°- 90°
- Elbow: 0°- 150°

## ARTUS-903K

## treatment of knee and hip joints

a wide range of motion from -10 to 140 degrees of flexion which allows treatment of most knee & hip pathologies. 903K has high portability due to small size and light weight.

- Progressive Mode: relieves pain by gradual adjustment of ROM.
- Oscillation Mode: Maximizes kinesiatrics effect by repeating exercise.
- Provides constant and accelerated movement methods.
- · Easy operation with customized touch screen.
- · Useful for rental home service.

## ARTUS-704ES treatme

treatment of shoulder and elbow joints

A variety of accessories can be mounted on its mechanical arms, depending on the type of rehabilitative movement chosen. It is possible to program all of the functions on the fixed touch screen controller.

- Robust structure minimizes product shake during exercise.
- Both right and left arm frames are installed for convenient use.
- Easy height adjustment by the electric height control function.

# **DAESUNG MAREF**

**Q** 298-24, Gongdan-Ro, Gunpo-Si, Gyeonggi-Do, Korea





## MEDICAL DEVICE PRODUCTS



## DTS-3000

Hemostasis or prevent necrosis

#### A device that expands the sleeve around the limb to reduce or prevent poor blood circulation

• Smart pneumatic tourniquet with a safety alarm system, motion record system, and an anti-infection system that addresses long hemostatic pressure during surgery.

 Fast pressure can be reached up to 800mmHg. The PPG sensor checks the patient's optimal pressurization level to prevent bruising or necrosis of skin due to excessive pressure after surgery.



## DVT-3000

Blood circulation improvement

# A device used to periodically inflate the sleeve by pressing the limbs, preventing deep vein thrombosis in the arms or legs

- The system prevents deep vein thrombosis and uses high-quality, eco-friendly materials to provide a comfortable feel.
- Strong durability—the device can be used for at least two months.
- Finished with adhesive Velcro to prevent scratches to the body. It is specially coated to avoid contamination and lint, allowing it to be used comfortably with excellent sweat absorption.

# **GH INNOTEK**

♀ 406, 2, Busandaehak-Ro 63Beon-Gil, Geumjeong-Gu, Busan, Korea





## MEDICAL DEVICE PRODUCTS



# Big breathe IMT/PEP All-in-one respiratory muscle strengthening device

#### Patient respiratory muscle rehabilitation and respiratory muscle training

- Increases respiratory muscle strength and durability while strengthening the diaphragm and reducing shortness of breath, associated with conditions such as lack of exercise, aging, and asthma.
- · Prevents secretions in the airways.
- · Significant and positive training effects.



## IMT

## Respiratory muscle strengthening device

#### IMT is a respiratory exercise device used for inspiratory muscle exercises. It can increase the athletic ability and alleviate the loss of breath.

- IMT Low[Green]: Sports hobbyists Who are new to IMT, Who need breathing exercises
- IMT Middle[Blue]: For semi-professionals Amateur athletes on swimming, cycling, triathlon, etc.
- IMT High[Red]: For professionals Who intend to exercise professional breathing, such as singers, vocalists, professional athletes, etc.

# **HUWANT**

**Q** 203, 2Nd Floor, 201 Dong, 40, Yeonam-Ro, Buk-Gu, Daegu

## HUWANT

MEDICAL DEVICE PRODUCTS



# JINNYS

 A-610 Acehightechcity, 10, Baekseokgongdan 1-Ro, Seobuk-Gu, Cheonan-Si, Chungcheongnam-Do, Korea

AK-2000



## **H**MEDICAL DEVICE PRODUCTS

#### Digestion improvement



# Electrolysis of drinking water to extract alkali ion water

- Produces alkali ion water from 8.5 to 10.0 pH to help improve gastrointestinal symptoms (chronic diarrhea, indigestion, abnormal gastrointestinal fermentation, and chlorhydria)
- The touch-type display allows direct control of the desired concentration of ion water and provides an audio guide.



## Breathe-ON

Breathing pattern measurement

Measurement of data such as exhalation, exhalation, time, strength, etc

 The device measures and evaluates various breathing patterns, breathing conditions, and breathing abilities for each of the 12 contents to provide customized advice to enhance breathing ability and lung capacity.

# **MAXSTAR INDUSTRIAL**

152-12, Hwanggeum-Ro 23Beon-Gil, Yangchon-Eup, Gimpo-Si, Gyeonggi-Do, Korea

## UNIX maxstar

MEDICAL DEVICE PRODUCTS

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# NEOMED

**Q** 20, Jangnim-Ro 196 Beon-Gil, Saha-Gu, Busan, Korea





## MEDICAL DEVICE PRODUCTS



## JC-B-8200

#### Support and Assist

# Continuous back support to prevent damage

- The exterior design features numerous small holes that minimize air circulation and skin resistance, providing a comfortable fit.
- NEO MESH material is thin and light, but durable and can be used for a long time.



#### Lympha Pro: UAM-8400

Improve blood circulation

It helps blood circulation by applying pressure to the veins and compressing them through repeated pressure contraction

• The system includes six modes and various functions. It allows pressure control in the range of 0-200 mmHg.

- It is a licensed medical device that prevents blood pooling or helps blood circulation.
- Please use the product under the suggestion of doctor.



#### Lympha Pro: UAM-8500

Improve blood circulation

The vein is pressured and compressed by compressible limb sleeve system that repeated air pressure contraction to prevent blood clots in the limbs and improve blood circulation

- The system includes double channel with six modes and various function.
- This allows two people can use at the same time
- The image above is a directed image. Please use the product under the suggestion of doctor



## JC-251 K

#### Knee support and assist

# Knee is freely and safely fixed from the damage

- Four-way Hi-Prene materials are developed to be similar to human skin.
- After two-three hours of wearing the support, the natural body temperature is released to help circulation and diaphoresis.
- · Helps reduce edema.

# **ShinHwa Medical**

20, Cheongwon-Gil, Ilgwang-Myeon, Gijang-Gun, Busan, 46047, Korea





Spine treatment

## MEDICAL DEVICE PRODUCTS



#### Spine MT k-1

'non-surgical & non-invasive spine treatment machine with decompression' for patients suffering especially 'Herniated Disk' (HNP, DDD), including Stenosis, Scoliosis, Facet Syndrome, Myofascial Pain Syndrome, Sciatica.

- It is designed not only to cure the disease through the feedback function between the device and the patient, but also designed to strengthen the musculature and ligament surrounding the affected area with the unique & dynamic chiropractic functions integrated in it.
- It so proud that this is the only device in the world that can provide the 'customized' treatment to correct any twisted and misaligned spine in 3(three) dimensions



#### Noble Rex-E Metabolism activation

'multi-functional healing bed ' that helps you for obesity management, intestinal mobility, pelvic correction, lower body bathing and postpartum care. It is also a multi-system, of which motor skills stimulate your pelvis, waist and abdomen.

- Color therapy provides the emotional stability, using the different frequencies and unique wavelengths of each color.
- Far infrared radiation heating therapy by minerals, including ceramic and jade inside the capsule relaxes the stiff muscle mass. The radiation also promotes the blood circulation & metabolism and relieves the pain.
- Aerobic exercise effect. The strong vibration takes good care of the obesity and enhances the functions of organs.
- Salt hot pack. The compress-processed hard rock-salt provides the optimal effect of lower body bathing, moxibustion and sauna, recovering your fatigue.

# **T.I.P International**

**Q** 29, Cheomdan Venture So-Ro 37Beon-Gil, Buk-Gu, Gwangju, Korea

💡 T.I.P Int'l Co.,Ltd.



## MEDICAL DEVICE PRODUCTS



## IONBLUE SHAKE-OFF

Air cleaning and light treatment

# Anion-stimulating metabolism and LED lighting to suppress drowsiness

- As plasma ion clusters spread from the five outlets, the air is purified, and DC fan anion clusters are accelerated.
- Blue LED lighting technology stimulates nerve cells in the retina to control melatonin production.



## IONBLUE SWEETDREAM

Air cleaning and light treatment

#### Promotes the production of melatonin hormones to alleviate insomnia and boost immunity

- Filters and absorbs fine particulate matter with a bamboo activated carbon filter, which eliminates the cation (positive ions) associated with tobacco smoke, sulfur dioxide, nitrogen oxides, and carbon monoxide through the chemical decomposition of various organic molecules.
- Induces sleep through special wavelength LEDs that promote the production of hormones that induce sleep.

# WALKBOT

Rm. 509, Woori Venture Town Ii, 70, Seonyu- Ro, Yeongdeungpo-Gu, Seoul, Korea





## MEDICAL DEVICE PRODUCTS



# WALKBOT\_S

Robot-assisted gait training rehabilitation system

This rehabilitation medical device is composed of a robot-assisted gait training system for locomotion-impaired patients.

 Applies to the rehabilitation of various diseases, such as stroke, spinal cord injury (SCI), brain tumor, multiple sclerosis, cerebral paralysis, and other diseases related to the neurorehabilitation.

 Successfully implemented superlative functions for the first time in the world. [Synchronization of three actuated joints (Ankle/Knee/Hip), Finer automatic leg length adjustment system, Natural Gait Pattern Generating S/W (NGPG), Interactive training mode]



# WALKBOT\_K

Robot-assisted gait training rehabilitation system

#### Dedicated for pediatric patients with Playground system design as per Children's eye level and children-specific gait pattern

 Provides exciting customized 3D virtual reality exercise games so patients actually do not perceive the gait training as a form of therapy, rather enjoy walking in interactive and ecologically natural or virtual environments



#### Robot-assisted gait training rehabilitation system

# Compatible with both adults and children through add-on robotic orthosis

 Provides gait analysis, measurement, evaluation programs, and summary report. This allows the therapist to effectively assess the patient's recovery stage and establish an optimized training plan for each patient. **Q** 14, Baekbeom-Ro 677 Beon-Gil, Seo-Gu, Incheon, Korea





## MEDICAL DEVICE PRODUCTS



#### SEVEN-LINER ZAM ZAM

Improvement blood of circulation

It is limb compression circulator that have been proven effectiveness through the clinical trial at a university hospital for lymphedema patients, and are beauty device that are effective for beautiful legs and waist.

- Those help to relieve tension of the muscles before and after excercises and sports
- sports aid equipments In order to help increase blood circulation, periodically high air pressure pumping to inflate the limbs and sleeves prevents swelling and daily fatigue.

## COCLEAN

#### Nasal disease treatment

The world's first nasal disease treatment assistive device that sprays saline solution in the depths of the nose in particle form, cleaning, treating the nose, and inhaling the runny nose of infants

- Sprays saline solution in the form of ultra-fine particles (0.68 microns) into the nose without irritation.
- Foreign substances can be removed from the eyeball using eye caps.
- The inhale function helps prevent disease by removing foreign substances from the nose.

# Winiz

🔇 +82-51-710-7972 🛛 🖶 +82-70-8677-7972

www.winiz.net

156 Gamjeoncheon-Ro, Sasang-Gu, Busan. Korea



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## MEDICAL DEVICE PRODUCTS



#### FCW3000

Rehabilitation Training

Produced in a form fixed to a large ceiling, it is effective in group therapy and play therapy for Active Standing & Functional Rehabilitation

• Turn painful and difficult treatment into a pleasant experience, and promote rapid and functional recovery through standing and walking therapy.

• It is possible to fit the dual-rail at the desired angle to be installed in a preferred way.



## PGT9000

G-suit

Rehabilitation Training

Active Standing & Functional Rehabilitation Treatment Devices with Dual Safety Stand Types that can be relocated without damage to the ceiling

- There are plenty of places to grab for waking up from the wheelchair, so it is easy to get up.
- Reduces the risk of falling as the patient may hold the handle or pole while wearing a harness.



#### Patient support and fixation

Enhance utilization by designing for pain relief

• Suites that can be used regardless of body type enhance patient training through their explicit design for pain resolution.

KOREA Medical Device Companies Directory Book 2020

# 07

# Molecular diagnostic equipment and facilities



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# 1drop

A-203, Keumkang Penterium It Tower, 215, Galmachi-Ro, Jungwon-Gu, Seongnam-Si, Gyeonggi-Do, 13217, Korea

1copy





# MEDICAL DEVICE PRODUCTS



# 1DROP Blood component measurement

#### Easily measure blood component with commercial smartphones and lowcost biosensors

- Users can easily add measurement items by simply updating the smartphone application and measuring hemoglobin, uric acid, cholesterol, and blood sugar.
- The application is for personal use, hospitals, and practitioners, providing various information for each environment.



#### Molecular Diagnosis



- Use the Catacleave Probe to obtain more stable and reproducible results for leukemia (chronic, acute) and Corona 19.
- It is sensitive enough to detect a single molecule.

#### 1drop quant Immuno-diagnosis

#### The POCT (Point-of-Care-Testing Immuno-diagnosis System using smartphones

- Developed for high accurate quantitative analysis using machine learning-based algorithms.
- Based on the quantitative value, it is possible to prevent/diagnose/monitor diseases using the LFIA (Lateral flow immunochromatography assay) sensor.



♀ 17F, 263, Central-Ro, Yeonsu-Gu, Incheon, Korea





# MEDICAL DEVICE PRODUCTS



# ACN M61.01

#### Sample Collection Kit

### All-in-one system for collecting, stabilizing, and transporting nucleic acids in the nasal and oral cavity

- Anyone can easily use cotton swabs optimized for sample collection.
- Simultaneous collection of nasal and oral samples.
- Compatible with various nucleic acid extraction kits.



# ACN11.01

#### Sample Collection Kit

# Collection and stabilization of saliva in human and microbial DNA

- Manage donors and improve compliance by collecting non-invasive, pain-free samples.
- · Compatible with other DNA extraction kits.
- Various down streams such as PCR and qPCR can be applied (genetic analysis, microarray, NGS, etc.).



# AccuFASTprep Molecular Diagnosis

#### Automated DNA preparation device

- Automatic processing of up to 32 samples in ONE use
- Consistent, pure nucleic acid (NGS, array, PCR) for use in downstream processes
- Save time and effort with pre-charged reagent cartridges and disposable products

# Ahram Biosystems

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- www.ahrambio.com
- **Q** 1203 Youngdong Technotower, 300-4 ,Sungsu-Dong 2-Ga, Seoul, 04794, Korea

PalmTron

PCR device

mat



+ MEDICAL DEVICE PRODUCTS



Nucleic Acid

Extractor

# BIONEER

8-11, Munpyeongseo-Ro, Daedeok-Gu, Daejeon, 34302, Korea



# +MEDICAL DEVICE PRODUCTS



# ExiStation<sup>™</sup> V4

Molecular Diagnosis

### Provides solutions for molecular diagnosis from local hospitals to examination centers

- Composed of "ExiPrep™16 Dx", nucleic acid extraction equipment, and "Exicycler™96 V4", a gene amplification device based on Real-Time PCR.
- · Designed to prevent cross-contamination.
- Up to 30 to disease types can be tested simultaneously in a single system.
- High sensitivity and specificity.



# Palm PCR

outdoor applications.

Nucleic Acid Extraction Reagent

# Extracts nucleic acid in five minutes with great efficiency

Battery-powered palm-sized mobile

 Features fully portable standalone thermo-cycles and provides high speed and sensitivity

PCR amplification in a compact portable for-

 Battery-operated automated operation, convenient and straightforward protocols, and

high efficiency make it ideal for indoor and

• Establishes an emergency response system against COVID-19. (New coronavirus infection)



# Accupower MDx Kit

#### Diagnosis Kit

### High Sensitivity COVID-19 Diagnostic Kit with Dual-HotStart Technology

- Reagents are dispensed in advance to prevent user errors and improve convenience.
- It can be applied to other devices from third-party companies to increase daily inspection volume and accuracy.

# **BIONICS**

15F, Yeongchang Digital Tower, 63 Ttukseom-Ro 1-Gil, Seongdong-Gu, Seoul, Korea



#### + MEDICAL DEVICE PRODUCTS



# DNA Preparation Kits

Molecular diagnosis

## The Kit for extracting/refining DNA

- The Plasmid DNA Miniprep S & V Kit: Kit for extracting and refining plasmid DNA using a silica-based column based on Alkaline lysis. Total DNA Extraction S & V Kit: Kit for extracting/refining total DNA from various species samples based on lysis using a Chaotropic agent.
- PCR Cleanup S & V Kit: Kit for refining PCR-amplifications, enzyme digested DNA fragment, buffer exchange of DNA samples, etc.
- DNA Gel Extraction S & V Kit: Kit for refining a DNA fragment on Agarose gel.



# **DNA** polymerase

Molecular diagnosis

#### Enzyme aggregation reagent required for PCR

- BN-Taq DNA polymerase : a recombinase expressing the Thermus aquaticus DNA polymerase gene in E.coli, suitable for Routine PCR.
- 2x BX-Taq Master : a polymerase master mix, which includes all the necessary dNTP, buffer, dye, etc. for PCR.

# BIONOTE

22, Samsung 1-Ro 4-Gil, Hwaseong-Si, Gyeonggi-Do, Korea





# +MEDICAL DEVICE PRODUCTS



# V check Series

Immune diagnosis for animals

### An immunoanalyzer that quantitatively analyzes a variety of items accurately and quickly

- Various conditions such as kidney disease, thrombosis disease, inflammatory disease, endocrine disease, and infectious disease are examined immediately on site.
- High accuracy and reproducibility.
- High matching results as compared to the gold standard test.

# **CUBEBIO**

SF Shinhan Life Bldg, Digital-Ro 10-Gil 9, Geumcheon-Gu, Seoul, Korea





# MEDICAL DEVICE PRODUCTS



### CMDD-04M

CMDD-04

**CMDD-12** 

Cancer diagnosis

Multi-Channel Automated Diagnostic Device uses urine as a specimen to detect 8 types of cancer (Breast, Colorectal, Stomach, Lung, Liver, Pancreatic, Prostate, and Bladder cancer).

- Sensor kit to be inserted to diagnose up to 4 people simultaneously within 20 minutes.
- Size: 466mm(W) x 439mm(D) x 389mm(H).
- · Intended to be used at home, coffee shops, etc.



#### Cancer diagnosis

Multi-Channel Automated Diagnostic Device uses urine as a specimen to detect 8 types of cancer (Breast, Colorectal, Stomach, Lung, Liver, Pancreatic, Prostate, and Bladder cancer).

- Sensor kit to be inserted to diagnose up to 4 people simultaneously within 20 minutes
- Size: 690mm(W) x 600mm(D) x 1600mm(H)
- Diagnosis is conducted through semi-automated system.
- Intended to be used at private hospitals, pharmacies, etc.



#### Cancer diagnosis

Multi-Channel Automated Diagnostic Device uses urine as a specimen to detect 8 types of cancer (Breast, Colorectal, Stomach, Lung, Liver, Pancreatic, Prostate, and Bladder cancer).

- Automatically diagnose up to 12 people simultaneously within 20 minutes
- Size: 2,400mm(W) x 900mm(D) x 1,850mm(H)
- Simple operation, diagnosis can be conducted by both medical and non-medical personnel through fully-automated system
- Intended to be used at hospitals, clinics, examination centers, etc.
- There is also CMDD-20 which diagnose up to 20 people simultaneously (Upsized model of CMDD-12)

# **Empecs Medical**

★ +82-31-776-4489 # +82-31-776-4496 ≤ sales@empecs.com
# www.empecs.com

 701-707 Mega-Dong, Skn Techno Park, 124 Sagimakgol-Ro, Jungwon-Gu, Seongnam-Si, Gyeonggi-Do





# MEDICAL DEVICE PRODUCTS



# Medinia MM 1000

Blood glucose measurement

# Blood glucose measurement by an electrochemical method based on Glucose Oxidase

- 0.5 A tiny dosage of a blood sample measures blood glucose within five seconds, minimizing the pain of repeated blood collection.
- To prevent cross-contamination of blood, a safe measuring environment is provided by adding a button to remove the blood Inspection paper.



# Medisige-Link software

Remote diagnosis and program

### Providing a blood glucose analysis service through Bluetooth and Smartphone technology

- The blood glucose meter results are stored directly in the blood vessel management program installed on the smartphone and PC through the Bluetooth function.
- This service uploads results to the Internet or sends them to doctors using CDMA and GSM.

# Genesystem

**UF 100** 

So6, 1662, Yuseong-Daero, Yuseong-Gu, Daejeon, 34054, Korea

# I genesystem

+ MEDICAL DEVICE PRODUCTS



Molecular

diagnostics

# Genolution

Rm 506, Bldg.a, 11, Beobwon-Ro 11-Gil, Songpa-Gu, Seoul, 05836, Korea





# +MEDICAL DEVICE PRODUCTS



# Nextractor

#### Molecular Diagnosis

### An automatic extraction system that can quickly separate DNA or RNA from various samples

- Up to 48 samples can be refined, saving valuable time and labor in the laboratory, providing high throughput while refining yield.
- Pre-populated cartridge type reagents: All cartridges are used simultaneously without changing hardware and software formats.



# Rapi master mixes

Molecular diagnostics

#### Reagents for ultra-fast reactions

 All master mixes use fast-cycling protocols in high-speed, real-time PCRs using GENECHECKER.

A real-time high-speed PCR system

• The patented, chip-based response delivers

The system offers improved temperature

accuracy and uniformity to meet the require-

used in laboratories and diagnostics

fast output with 40cycles/20min.

ments of diagnosis.

 This is optimized for maximum PCR efficiency, sensitivity, and intensive fluorescence signals.



# NX-48 viral NA Kit

#### Molecular Diagnostic Kit

### Use the extraction kit to efficiently separate DNA / RNA from samples

- Extraction kits using the Nextractor Automation System provide highly reproducible results and enable high throughput analysis.
- Offers a quick and reliable simple procedure to separate DNA / RNA from 200ul samples.

# HANSHIN MEDICAL

♀ 166 Pyeongcheon-Ro, Bupyeong-Gu, Incheon, 21311, Korea



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#### + MEDICAL DEVICE PRODUCTS



### HS-2000

Autoclave

# Uses high-pressure saturated vapor as a sterilizing medium

- The standard device includes five types of sterilization cycles, two test cycle programs, and self-diagnosis and alarm programs.
- Users can change the basic program settings depending on sterilizer or packaging to smoothly cope with sterilization.

# 

## HG-2000

HP-4512

produced

EO gas sterilization

Low Temperature

**Plasma Sterilization** 

Uses a mixture of "Ethylene oxide (EO)" and "Freon" or "Carbon dioxide (CO2)" as a sterilizing medium

- Optional communication programs for multi-users with universal capability can be built in.
- The operational information for each sterilizer connected to the network system is safely stored and stored in the DB Server. Users can conveniently check any information needed anytime and anywhere through the Client Computer in real-time.

Designed to indicate how plasma is

 It was developed to improve the effect of sterilization by allowing heated air to penetrate deeply into the device or the lumen of medical devices,

thereby preheating and drying them.





# HANWOOLTPC

1003/1004, Bldg 201 Chunui Technopark li 18, Bucheon-Ro 198 Beon-Gil, Bucheon-Si, Gyeonggi-Do, Korea





# +MEDICAL DEVICE PRODUCTS



# NC-15 PLUS

#### Nucleic Acid Extractor

# Nucleic acid extraction equipment with the bead method

- Used to extract HPV, TB, Chlamydia trachomatis, Neisseria gonorrhoeae, and Herpes simplex virus, etc.
- Mainly used in sites, examination centers, hospitals, and laboratories that require high purity results.

154

#### HD-5610C Dry heat sterilization and culture Reducing the financial burden of purchasing a culture medium separately

• The chamber is heated simultaneously on the interior four-sided wall and is forced to circulate air using a fan, maintaining a uniform temperature distribution.

# **Huons Medicare**

**Q** 22 Noksandandan 165-Ro, Gangseo-Gu, Busan, Korea





# MEDICAL DEVICE PRODUCTS



### MT-5000L Endoscopic sterilization

# Two endoscopes can be disinfected simultaneously

- Varied functions provide safety and convenience to users.
- The back-flow prevention valve prevents disinfectant and foreign substances from entering the endoscopic channel.
- Fast and easy disinfection through the rapid disinfection mode.



# TBXzyme

Medical Equipment Disinfectant

Disinfection of medical devices, operating rooms, hospital rooms, devices, instruments, etc

 An external transparent liquid with yellow bubbles encased in a translucent white plastic container sterilizes the device in a diluted solution for 10 minutes. The process involves adding 0.5% (200 times) dilute solution to prepared water.



State: State

C-1402, 947, Hanam-Daero, Hanam-Si, Gyeonggi-Do, 12982, Korea





# +MEDICAL DEVICE PRODUCTS



# RADI PREP PLUS

Nucleic Acid Extractor

### A high-performance device using Magnetic Bead Technology

- Built-in sensors to prevent incorrect use.
- UV lamps to avoid contamination.
- Take eight samples in 15 minutes.



### RADI PCR 96

#### **Molecular Diagnosis**

Includes Fresnel lens optical signal collecting technology, time-dissolving signal separation technology, and unique temperature control technology

- Up to six fluorescence detection channels allow multiple PCRs to detect five target genes in 96 samples simultaneously.
- Utilizes innovative scanning methods and high-accuracy time-dissolving signal isolation technology.
- Temperature control technology.



# RV008

#### **Nucleic Acid Extraction Kit**

Easy to use, compact, and delivers results in less than 80 minutes for all suspected coronavirus cases

# LABGENOMICS

**MyPCR™** 

6F, B-Dong, 700, Daewangpangyo-Ro, Bundang-Gu, Seongnam-Si, Gyeonggi-Do, Korea



+MEDICAL DEVICE PRODUCTS



**Molecular Diagnosis** 

# **Link Optics**

\$ +82-1661-2090 +82-62-971-5668 ≤ sales@linkoptics.com

**Q** 3, Cheomdanventure-Ro, 16Beon-Gil. Buk-Gu, Gwangju, Korea





# +MEDICAL DEVICE PRODUCTS



# MFD-1000

Cell analysis

# Transmitting light through an optical fiber and measuring light signals that reflect cell specificity

- Applied to the particular analysis of individual cells and research on immune diseases.
- Analyzes the amount of DNA in a cell or nucleus, which aids in diagnosis and treatment of malignant tumors, etc. and allows monitoring of progress.
- Valuable for chromosome research, reticulocyte measurement, intracellular calcium measurement, and microbial examination.



# LabGun<sup>™</sup> PCR Kit Diagnosis Kit

Personal Genetic Analysis device with

excellent user convenience and interface

· Maximizes performance by utilizing high-effi-

· It is available on general-purpose platforms

such as personal computers and mobile

phones and can be operated in Windows,

. The temperature is stored in real-time, en-

abling real-time monitoring of the entire PCR

ciency production technology.

Android, and iOS.

process.

# Diagnose and examine infectious diseases through genetic analysis

- Using the nucleic acid amplification method, the sensitivity is excellent, and the result accuracy is optimized.
- The microbial pathogens of various infectious diseases can be detected and this knowledge efficiently utilized in medical examination rooms.



# LOWTEM

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9 302, A-dong, IT Valley, 17, Gosan-Ro 148Beon-Gil, Gunpo-Si, Gveonggi-Do, Korea





# MICO BIOMED

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♀ 3, 4F, 54 Changeop-Ro, Sujeong-Gu, Seongnam-Si, Gyeonggi-Do, Korea

O micobiomed



# MEDICAL DEVICE PRODUCTS



# VERI-Q PCR 316 Molecular Diagnosis

### A device used to amplify a particular gene (DNA or RNA) to diagnose a disease

- The drive program consists of four stages of protocol steps and provides a suitable software UI for non-experts to handle easily.
- Real-time PCR implementation of COVID-19 viruses in a short time using plastic chips.



# **VERI-Q CI**

#### **Immunity Unit**

In vitro diagnostic medical devices that can detect markers of a particular disease through antigen-antibody reactions

- · Standalone operation touch screen.
- · High sensitivity.
- Internal printer and 2D barcode scanner.
- Increased portability due to convenient user interface and miniaturization.

# +MEDICAL DEVICE PRODUCTS



# LOWTEM Crystal 120M

Sterilization is Medical device

### Low-temperature plasma sterilizer

- Sterilization information is verified on the easy-to-use, 7-inch full touch screen by a result sheet that includes sterilization information
- · Includes a built-in large storage printer.
- · Can be operated directly with an electrical connection (Plug and Play).
- · History can be saved in a USB.
- · Automatic regular inspection of the alarm system.
- · Includes an automatic door open system and door safety lock.



### LOWTEM Smart 150d

Sterilization is Medical device

### Low-temperature plasma sterilizer including a double door system

- · Footswitch for sliding door operation.
- Sliding door.
- Double door system.

# NanoEnTek

📚 +82-2-6220-7728 🖶 +82-2-6220-7721

- www.nanoentek.com
- 12F, 5, Digital-Ro 26-Gil, Guro-Gu, Seoul, Korea





#### + MEDICAL DEVICE PRODUCTS



# ADAMII-CD34 Stem cell measurement

### Small fluorescent stem cell (CD34) counting device that can be measure within 15 minutes

- Can be used during stem cell transplantation for stem cell treatment
- This fluorescent cell counter based on the principles of image analysis, uses four channels (Bright, Yellow (PE), Red(PerCP), Green(FITC)) light sources to capture and analyze multiple images.
- The results are provided using software, so the subjective interpretation of the user is not reflected.



402-803 Techno-Park, Pyeongcheon-Ro 655, Wonmi-Gu Bucheon-Si, Gyeonggi-Do, Korea



# MEDICAL DEVICE PRODUCTS



11

# NB-205QM

#### Cell and tissue culture

# Cell suspension culture in microbiology or molecular biology

- · Suitable size for use on a desk for culture.
- Using the BLDC motor, the commotio is stable and quiet.
- The direction of the door opening is adjustable.
- The temperature can be set from 25°C to 15°C.
- Alarm function if there is a problem with temperature, door opening, or commotio.
- Using stainless steel makes cleaning easier and the device less polluting.

# Beauty Cell

#### Maintenance of fluid temperature

### Stem cell separation and cell processing work

- It can be used for multi-purposes such as cell or blood separation.
- 99.99% HEPA filter and UV sterilization maintain cleanliness and control air circulation.
- Internal pressure can be checked through the pressure gauge.
- Customizing available.



STEMPIA KIT

### Stem Cell Kit

#### ADIPOSE STEM CELL(SVF) ISOLATION KIT

- FEATURES:
- Two Tubes in One Set
- Easy & Simple SVF Isolation
- Isolate SVF from 40CC fat with One Set
- Economical Price/Efficient Process
- Low Loss → More than 90% Viability
- Fully Gamma Sterilized Packing
- 50Min ~ 1Hour Process Time

# NGeneBio

♥ +82-2-867-9798 +82-2-866-9784 Megan.kim@ngenebio.com

**Q** 307 Daeryung Post Tower 1, 288 Digital-Ro, Guro-Gu, Seoul, 08390, Korea

# **NGene**Bio



# +MEDICAL DEVICE PRODUCTS



#### IDaccuTest

Molecular diagnosis

#### Reagent for short tandem repeat testing

 Products that can be used for the analysis of individual genetic information. They can be employed to identify consanguineous relations, individual identification, gene testing for criminal investigation, and the chimerism test after bone marrow transplantation.



### NGeneAnalySys Molecular diagnosis

Analysis software that can analyze and report data produced by NGS (next-generation sequencing) device

- Based on ACMG guidelines, the software utilizes more than 20 databases, including more than 1,000 Koreans, to provide various and accurate genetic drift information.
- Efficiently used to diagnose diseases through accurate data analysis.



# Clover A1c

are provided.

#### Blood glucose measurement

### Uses reflective spectroscopy accurately measures hemoglobin A1c levels

Uses GDH enzymes to measure blood

glucose with a small amount of blood

• Average values for 7,14, and 21-day periods

 Includes a Setting function for exercise, taking medication, and whether to eat.

Ergonomic design and grip.

- Measures hemoglobin combined with glucose (HbA1c) and provides the average value of blood glucose for three months.
- Standardized to display measurement results, according to the DCCT (Diabetes Control and Complication Trial).

# **Osang Healthcare**

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132, Anyangcheondong-Ro, Dongan-Gu, Anyang-Si, Gyeonggi-Do, Korea

Oh'Care

(0.5µl)

**OHC** DSANG HEALTHCARE



Blood glucose measurement

# +MEDICAL DEVICE PRODUCTS



# PANAGENE

🗞 +82-42-861-9295 🖷 +82-42-861-9297 🛛 info@panagene.com

www.panagene.com

54, Techno 10-Ro, Yuesong-Gu, Daejeon 34027, Korea





# MEDICAL DEVICE PRODUCTS



#### PANAMutyper R Lung cancer liquid biopsies Prediction of Lung Cancer Patients with EGFR Mutations

- Patients with EGFR mutations have very high drug reactions to EGFR-TKI (Tyrosine Kinase Inhibitor), including Gefitinib (Iressa, Astra-Zenca) and Erolotinib (Rochetar).
- The biopsies are expected to lead to effective lung cancer treatment by allowing drug reaction prediction.



# PNAClamp

Column biopsy

# Prediction of metastatic colorectal cancer patients with NRAS mutations

- NRAS mutations are found in several cancers, such as melanoma (13-25%), colon rectal cancer (1-6%), lung cancer (1%), thyroid cancer (7%), and Hepatocellular carcinoma (10%).
- Reduces drug reactions to colon rectal cancer treatments such as Erbitux and Cetuximab.



# PANA RealTyper Kit

Column biopsy

# Diagnose using DNA extracted from the patient's urine

 The Kit can accurately detect the presence of 13 STI(Sexually Transmitted Infections) and distinguishes each infection type with the Multiplex Real-Time PCR using the unique Tm of each PNA fluorescence probe.

# Philosys

28-5 Gwangwol-Gil, Ok-Gu-Eup, Gunsan-Si, Jeollabuk-Do, Korea





#### + MEDICAL DEVICE PRODUCTS



# Gmate

#### Immunoassay

# Accurate and fast COVID-19 Ag detection POCT(Point Of Care Testing)

- COVID-19 Ag is detected directly from a Nasopharyngeal Swab and Sputum sample.
- Provides result in 15 minutes and indicates Sensitivity 94.4%, Specificity 100.0% and Accuracy 97.2%.



# Gmate smart

#### Blood glucose measurement

# Simply connect to a smartphone to measure blood glucose

- No battery is required because it uses power from connected mobile devices.
- Incorporates smaller modules by storing more data in a smartphone's free space.



# **RheoMeditech**

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S2 Anam-Ro, Dongdaemun-Gu, Korea



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# **Sd Biosensor**

C-4&5 Floor, 16, Deogyeong-Daero 1556Beon-Gil, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do, 16690, Korea

**SD BIOSENSOR** 



# MEDICAL DEVICE PRODUCTS



# SD CHECK GOLD

Blood glucose measurement

### Minimizes incorrect measurements, including information such as the valid period of the test paper

- · Fast and accurate results in 5 seconds
- Memory: Saves 400 measurements
- Measurement method: Glucose Oxidase biosensor
- Measurement result range: 10 600 mg/dL (0.6 - 33.3 mmol/L)



### STANDARD F HIV Ag/Ab FIA

# Immune diagnosis

# A 4th generation HIV diagnostic product that simultaneously tests HIV antigen (p24) and HIV-1/2 antibodies in serum, plasma, and whole blood

- Simultaneously detects HIV antigen (p24) and HIV-1/2 antibodies in serum, plasma, and whole blood using fluorescence immunization chromatography
- Easily test for HIV early detection and screening results within 15 minutes with high sensitivity and specificity

#### + MEDICAL DEVICE PRODUCTS

\nysis



# RheoSCAN

Blood diagnosis

## Measures the comprehensive hemorheological properties of red blood cells

• Enables early detection of diabetic complications such as diabetic kidney disease, diabetic retinopathy, and metabolic syndrome.

• Inspection time within an average of 1-2 min.

# ANYSIS

### Blood diagnosis

## Tests platelet dysfunction for inherited, acquired, or drug-induced patients

- platelet function test (ADP,Epinephrine).
- Antiplatelet test (Aspirin, P2Y12).
- Hemostasis and Fibrinolysis test (Any-sis-ETG).

# RheoESR

#### Blood diagnosis

Measures measure erythrocyte sedimentation rate (ESR), ESR results in 20 seconds by measuring the kinetics of red blood cell aggregation.



- With innovative and patented technology, it can provide the various benefits including.
- Results in seconds.
- No reagents required.
- Easy to use.
- Fully automated.
- Precision and reliable reproducibility.

# Seegene

91, Ogeum-Ro, Songpa-Gu, Seoul, Korea

# Seegene



#### + MEDICAL DEVICE PRODUCTS



### SEEPREP32<sup>™</sup> Molecular diagnostics

# An easy to use small automatic nucleic acid extraction system

- A bead-delivered nucleic acid extractor capable of rapidly processing up to 32 samples, enhancing productivity and efficiency in the examination room.
- Up to 32 samples can be processed simultaneously within 30 minutes using the bead delivery method from a magnetic rod.
- Uses a tablet PC to support remote driving.



# Seegene Launcher

Integrated software

### Easy, convenient device-driven software from nucleic acid extraction to PCR setup

- Automatically control protocols for various molecular diagnostics (MDx) examinations
- Includes a tutorial for all processes, including sample preparation, nucleic acid extraction, and PCR setup
- Integrated data processing through LIS linkage with a barcode system (HL7 file support)

# Zeronitec

 202-602, Bucheon-Techpark ii ,388, Songnae-Daero, Wonmi-Gu, Bucheon-Si, Gyeonggi-Do, Korea





# +MEDICAL DEVICE PRODUCTS



# PURE-series

Device sterilization

PURE-series Low Temperature Plasma Sterilizer using H2O2 sterilant. It can support for sterilization in Central sterilization service department(CSSD), Operation theater(O/T) in general hospital and Dental, Ophthalmology, Orthopedic and Veterinary, Plastic surgery, obstetrics and gynecology, etc.

- PURE 20 : 20L, Table top
- PURE 50 : 52L, Floor-standing
- PURE 120: 127L , Floor-standing (Vertical Sliding Door)
- PURE 120D : 127L , double door system (Vertical Sliding Door)
- PURE SA : Sterilizing agent , Cassette type 4~7 cycles / cassette.

# COVID-19

Medical Device Companies Directory

### **1drop Inc. COVID-19 qPCR Multi kit [PCR]** ♥ +82-31-747-0109 ■ cs@1drop.co.kr ₩ www.1drop.co.kr

# Absology co., Ltd

COVID-19 IgM/IgG Rapid [Antibody] ♥ +82-31-348-8637 ■ sales@absology.co.kr ⊕ www.absology.co.kr

### ASAN PHARM co., Ltd

Asan East test COVID-19 IgG/IgM [Antibody] ♥ +82-2-3290-5700 ■ global@asanpharm.co.kr ∰ www.asanpharm.com

B-bio co., Ltd ChekR COVID-19 IgG/IgM Rapid Test [Antibody] ♥ +82-70-4163-6891 ■ bbio@b-bio.com ∰ www.b-bio.com

### BioMetrix Technology Inc.

COVID-19+9G test™ [PCR] ♥ +82-33-258-6098 ■ worldbiz@bmtchip.com ⊕ www.bmtchip.com

## CancerROP

Q-sens 2019-nCoV detection Kit [PCR]

♥ +82-2-890-8700
 ■ cancerrop@cancerrop.com
 ● www.cancerrop.com

#### Dowgene

QuickFinder2019-nCoV Real Time PCR Kit, QuickFinder™-G2019-nCoV Real Time PCR Kit [PCR] ♥ +82-2-6116-6400 dowgene@hanmail.net ♥ www.dowgene.koreasme.com

Eudipia Co., Ltd EuDx™ COVID-19 Detection Kit [PCR]

♥ +82-07-8890-2101■ info@eudipia.com● www.en.eudipia.com

### GENCURIX

GenePro COVID-19 Detection Test, GenePro SARS-CoV-2- Text [PCR] \$ +82-2-2621-7038 \$ www.gencurix.com

## GenBody INC.

GenBody COVID-19 IgM/IgG [Antibody] ♥ +82-41-523-8990 ■ contact@genbody.co.kr ∰ www.genbody.co.kr

#### Genematrix

NeoPlex COVID-19 Detection Kit, NeoPlex™ SARS-CoV-2 COVID-19 Detection Kit [PCR] ♥ +82-31-628-2000 ➤ dowgene@hanmail.net ∰ www.dowgene.koreasme.com

#### Genomictree

AccuraDText™ SARS-CoV-2 RT-qPCR Kit [PCR] ♥ +82-42-861-4551 ■ info@genomictree.com

www.genomictree.com

### **GOODGENE INC**

GG COVID-19 Quadplex Reverse Transcription Real Time Polymerase Chain Reaction Kit [PCR] ♥+82-2-2088-0055 ■ goodgene@goodgene.co.kr

www.goodgene.co.kr

#### Humasis

Humasis COVID-19 IgG/IgM Test [Antibody]

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question@humasis.com
www.humasis.com

#### Humedix

Accurate Rapid COVID-19 IgG/IgM Combo Test [Antibody] \$\$\\$+82-70-7492-5600

✓ io2-io2-io2-io000
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#### iONBIO Inc.

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### Joonghun Pharmaceutical Co., Ltd

JD COVID-19 qRT-PCR Kit [PCR] ♥ +82-2-2138-8114 ■ COVID-19TF@joonghun.com ∰ www.joonghun.com

#### LABGENOMICS Co., Lid LabGun™ COVID-19 assay [PCR]

♥ +82-31-628-0726
■ info@labgenomics.com
● www.labgenomics.co.kr

#### Macrogen

Axen COVID-19 RT [PCR] ♥ +82-2-2180-7221 ■ webmaster@macrogen.com ⊕ www.macrogen.com

# MicroDigital Co., Ltd.

MDGen AB96-COVID-19 IgG [Anti-

body] ♥ +82-31-701-2225 ■ covid@md-best.com ⊕ www.md-best.com

### M Monitor Inc.

Isopollo® COVID-19 detection kit(premix), Isopollo® COVID-19 detection kit(real-time) [RT-LAMP] ♥ +82-70-4618-6200 ■ service@mmonitor.net ♥ www.mmonitor.net

# NanoBioLife Inc.

Nano-KGIC™ COVID-19 IgM/IgG KIT [Antibody] ♥ +82-2-858-3635 ■ sales\_nanobiolife@naver.com www.nanobiolife.com

#### NanoEntek, Inc

FREND COVID-IgG/IgM Duo [Antibody]

€ +82-2-6220-7940
 ⊕ www.nanoentek.com

### OPTOLANE Technologies Inc. Kaira 2019-nCoV Detection Kit, Dr. PCR 20K COVID-19 Detection Kit [PCR] \* +82-31-737-7811 \* info@optolane.com

www.optolane.com

# PaxGenBio

 PaxView COVID-19 Real-Time RT 

 PCR Kit [PCR]

 ♥ +82-31-244-5036

 ➡ info@paxgenbio.com

 ∰ www.paxgenbio.com

### PCL Inc

PCL COVID19 Ag Rapid FIA [PCR], PCL COVID19 IgG/IgM Rapid Gold [Antibody] ♥ +82-2-2144-3901 ➡ pclchip@pclchip.com ∰ www.pclchip.com

### PHILOSYS CO., Ltd

Gmate® COVID-19 [Antigen] ♥ +82-2-553-1421 ■ nformation@philosys.com ∰ www.philosys.com

### **Proteome Tech Inc**

#### KOVIcheck COVID-19 IgG/IgM

[Antibody] ♥ +82-2-6968-5278 ■ protia@proteometech.com ⊕ www.ionebio.com

#### **Rapigen Inc**

BIOCREDIT COVID-19 IgG+IgM Duo [Antigen], BIOCREDIT COVID-19 Ag [Antibody]

+82-31-427-4677
sales@rapigen-inc.com
www.rapigen-inc.com

### SEASUN BIOMATERIALS

U-TOP<sup>™</sup> COVID-19 Detection Kit, AQ-TOP<sup>™</sup> COVID-19 Rapid Detection Kit [PCR] V +82-2-749-7789 Info@seasunbio.com Www.seasunbio.com

### SML Genetree

Ezplex® SARS-CoV-2 G Kit [RCR] \$ +82-2-2057-7900 S smlee@genetree.com \$\$ www.genetree.co.kr

# Sugentech, Inc

SGTI-flex COVID-19 IgM/IgG [Antibody] ♥ +82-42-364-5001 ■ info@sugentech.com ⊕ www.sugentech.com

# TCM Biosciences Inc

TCM-Q Corona III Kit [RCR]

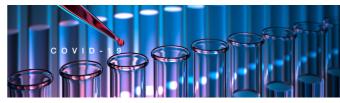
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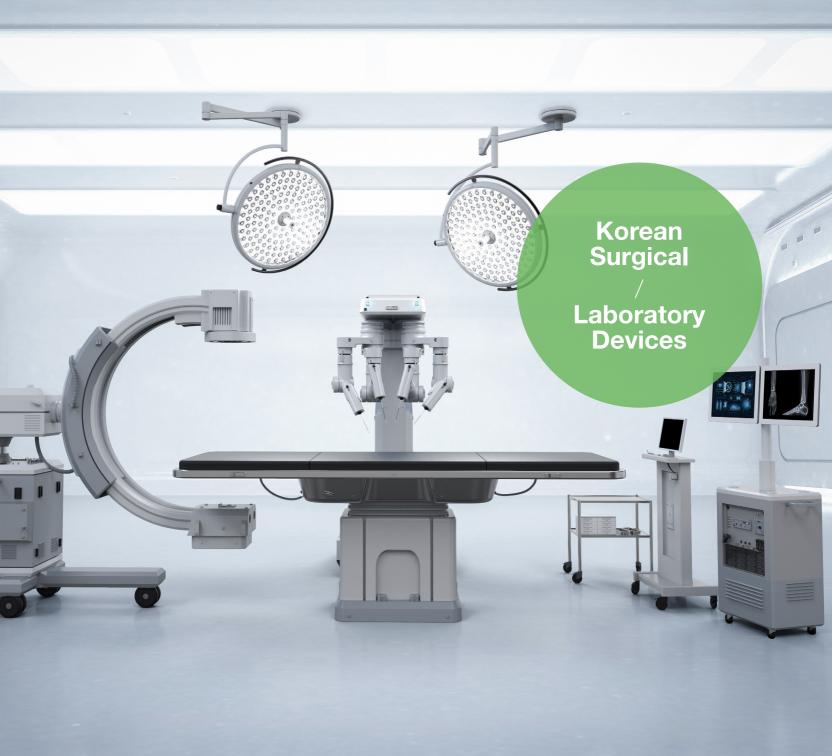
### YD Diagnostics CORP

MolecuTech Real-Time COVID-19 [RCR]

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 www.yd-diagnostics.com





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