

SCIENCEMEDIC CO., LTD.



## A PROFESSIONAL MEDICAL DEVICE COMPANY

with more than 2,000 types of medical  
cutting devices and medical surgery devices



**Company name**

ScienceMedic Co., Ltd.

**Address**

Science Building, 104, Jeonpa-ro 24beon-gil,  
Manan-gu, Anyang-si, Gyeonggi-do, South Korea

**Phone number**

+82-31-479-1194 (International)

**fax number**

+82-31-479-1180 (International)

**E-mail**

hychoi@sciencemedic.com

**Homepage**

<http://sciencemedic.com/en/>

We, Science Medic Co., Ltd, are one of the leading manufacturers in Orthopedics Surgery Instruments in Korea and we supply the products with passion. In the surgical areas where imported products have been the mainstream, we are making the continual localization possible through research and development of industries, academic societies, and research institutes, with government institutions and university hospitals.

It has secured an efficient management and quality management system by acquiring a certificate as technologically innovative company and a certificate as a company with innovative management, being a venture company with a new technology, establishing a medical engineering research center, and obtaining ISO 13485, CE, etc. To respond to the rapid market change, we have recently actively pioneered overseas as well as local markets. Furthermore, we are making consistent investments overseas with competitive products and quality to prepare for the global era.

We will treat customers with composure and care. We will also continuously exert efforts to become a global company.

Thank you.

**Sciencemedic**

Create a better experience for Surgeon and Patients

## COMPANY HISTORY

SCIENCEMEDIC – Our Journey of Innovation

"From a trusted local partner to a global surgical powertool solution leader."

### 2008 | Foundation & Launch

- Incorporated as SCIENCEMEDIC Co., Ltd.
- initiated supply to top-tier hospitals in Korea
- Acquired KGMP certification for saw blades

### 2010 | Production Base & Certification

- Registered in-house manufacturing site
- Obtained gamma sterilization approval
- Certified ISO 13485
- Participated in global medical trade fairs (e.g., Singapore)

### 2012 | Global Expansion & CE Marking

- Achieved CE certification for saws and handpieces
- Registered as a foreign medical device manufacturer with Japan's MHLW
- Designated as a Promising Export SME by Korean authorities

### 2014–2015 | Growth & Investment

- Strategic investment from Dong-A ST (KRW 1 billion)
- Completed new headquarters & factory construction
- Selected for multiple national R&D projects (totaling over KRW 800M)

### 2017–2019 | Smart Factory & Overseas Sales

- Established Smart Manufacturing Systems
- Signed exclusive distribution agreements (Indonesia, Iran, Turkey)
- Launched disposable handpieces and cannula systems

### 2020–2022 | Regulatory Excellence & Global Entry

- Registered multiple products with the U.S. FDA
- Renewed CE MDD Certification
- Awarded Ministry of Health & Welfare commendation
- Developed IoT-powered arthroscopy handpieces (Gov. R&D)

### 2023–2025 | CE MDR & Export Growth

- Transitioned to CE MDR (2024–2027)
- e-selected as a Gyeonggi Promising SME
- Awarded the "Million Dollar Export Tower" by MOTIE/KITA

**SCIENCEMEDIC stands at the forefront of surgical innovation, delivering precision and compliance to operating rooms worldwide. "Precision Power Tools for Smarter Surgery"**

Scan the QR CODE  
View the Video



ScienceMedic Co., Ltd. is a technology venture company that develops and sells surgical devices (power tools system), cutting devices, etc., that are specialized for surgeries.

In the surgical areas where imported products have been the mainstream, we are making the continual localization possible through research and development of industries, academic societies, and research institutes, with government institutions and university hospitals.

In addition, with the “3011” strategy, we are doing our best to contribute to the company and society by having 30% growth, developing at least one new product and hiring at least one employee every year.

ScienceMedic Co., Ltd. has dozens of industrial property rights and has introduced ERP and MES, which are advanced production management systems. Moreover, it has secured an efficient management and quality management system by acquiring a certificate as technologically innovative company and a certificate as a company with innovative management, being a venture company with a new technology, establishing a medical engineering research center, and obtaining ISO 13485, CE, etc.

To respond to the rapid market change, we have recently actively pioneered overseas as well as local markets. Furthermore, we are making consistent investments overseas with competitive products and quality to prepare for the global era.

We will treat customers with composure and care. We will also continuously exert efforts to become a global company.



KEEP INNOVATIVE FOR USER'S DEMAND

Medical Hand piece  
**'Dynamic – Z Power Tool'**  
is designed to perform  
bone cutting, reaming,  
drilling for large and small  
bone orthopedic surgical  
procedures.

- ① compared to other power tools, our battery type of power tool is quite light in weight and you can carry it along easily.
- ② 20% more powerful compared to other brand's products.
- ③ The price. The market price is quite low compared with other company's products.
- ④ Better Warranty service. We will fix the products for free during a year when you have a problem.
- ⑤ We also have disposable battery hand piece and it is compatible with battery pack, housing and charger.
- ⑥ We are manufacturing all products including saw blade and bur, so we can adapt customer's needs and easy to provide feedback.



CREATE A BETTER EXPERIENCE FOR SURGEON AND PATIENTS

**We, Sciencemedic launching disposable power tool system which Saw, drill and reamer.**

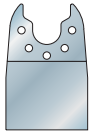
Normally in operation field and the main user which is surgeon really worry about infection and contamination, and power tool will be one of source for it because it is reuse all the time. Regarding this fact, end user need to perform reuse process which is clean-sterilization-preparation, it may cost man power, time and cost with every single use of power tool. This is main reason we develop and launching Disposable power tool system which called Dynamic D series.

**We do have advantage with this new concept of power tool.**

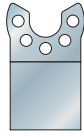
- ① The chance and rate of infection and contamination dramatically decrease during use disposable power tool compare with reuse-power tool system.
- ② It saves time and cost, also the man-power.
- ③ The cost is really competitive and no need any preparation process.
- ④ Easy to use and we apply same metal head as reusable power tool we have to guarantee good performance.
- ⑤ No need to prepare additional accessories when already have our reusable power tool system. the accessories are shareable for both.

**It is time to create a better experience for Surgeon and Patients.**

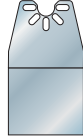
Locking Style



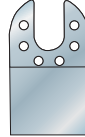
HSR100 series  
Linvatec type



HSR200 series  
Linvatec type



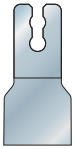
HSR400 series  
Stryker type



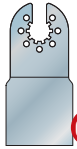
HSR600 series  
A/O Synthes type



Locking Style | Large Bone Cutting |

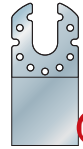


HCR100 series  
Dynamic type



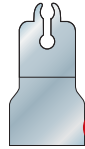
HCR300 series  
Aesculap type

OLD



HCR400 series  
Stryker type

OLD

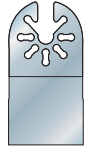


HCR500 series  
Stryker type

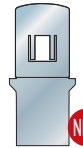
NEW



HCR600 series  
A/O Synthes type

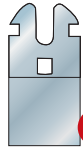


HCR700 series  
Linvatec type



HCR900 series  
Aesculap type

NEW



HCR1000 series  
Desoutter type

NEW



HCR1500 series  
Smith & Nephew MicroAire

SAW BLADES WITH VARIOUS HUB TYPE



Midas Rex Legend



Midas Rex Classic



Med - Next



Anspach X/E - Max



Anspach Black Max



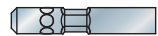
Aesculap Hilan XS



Aesculap Hilan / 2



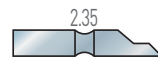
Stryker U Series



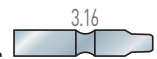
Linvatec Ultra Power



Linvatec Cool Flex



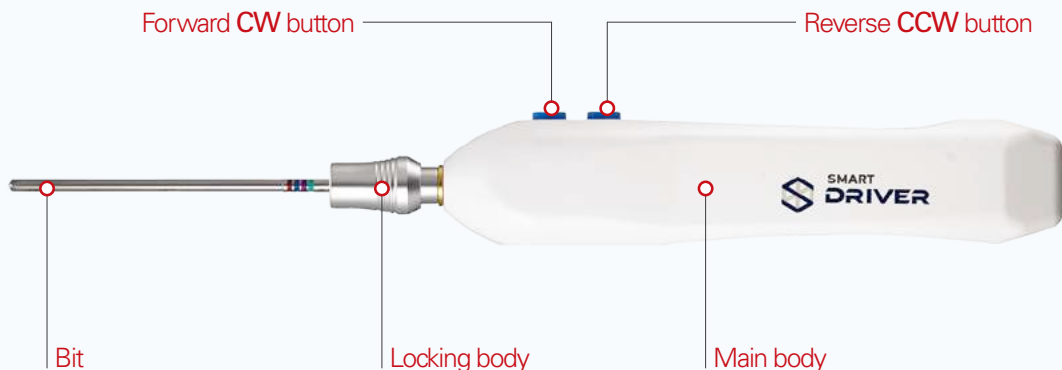
N.S.K PRIMADO2



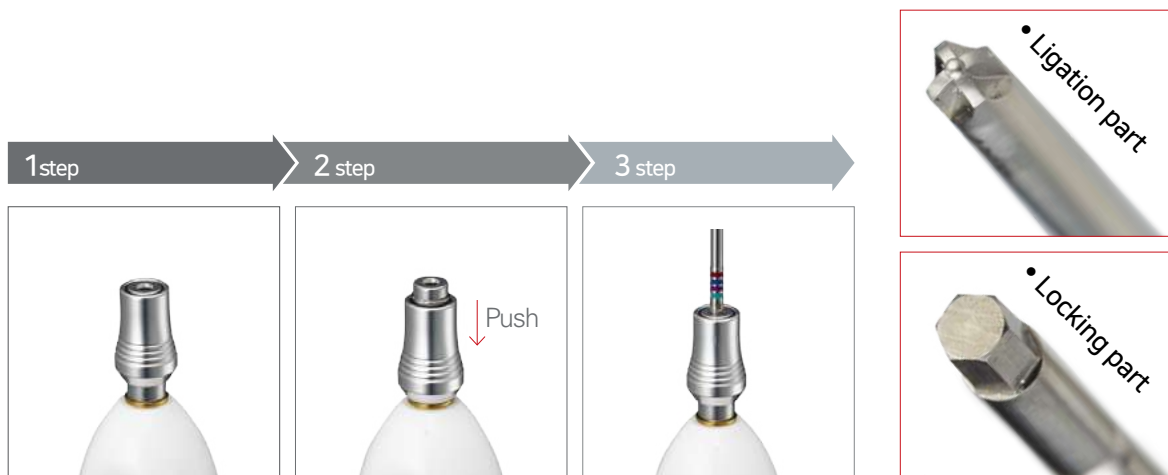
CUTTING BUR / DIAMOND BUR / BUR SHANK / NEURO BUR

We have 1,300 kinds of blade which fit on foreign made brands Hand piece as well as Dynamic Power Hand piece and the Saw Blade has strong cutting power so we got an Award for Saw Blade from Korean Government as a world-class product in 2011. Medical Saw blade for Large and Small bone for Orthopedic and Plastic and Oral Surgery. And Medical bur for various shank type and size with Diamond, Cutting, Neuro and E.N.T Surgery.

### FEATURES



### LOCKING METHOD



RPM SPEED

**270rpm ± 10%**

Torque

**4.0kgf\*cm ± 15%**

Size

**173mm x 31mm**

TOURNIQUET



- 2 CHANNEL ○
- MOTION SENSOR ○
- BATTERY CONTAINED ○
- IV FALL TYPED HOLDER ○
- TIMER & ALARM FUNCTION ○
- Warning (High & Low press, Battery↓)

Size(WxHxL) : 125x175x140

Press Range : 5 - 500mmhg

Power Source : DC 12V

Input Voltage to Charger : 220V

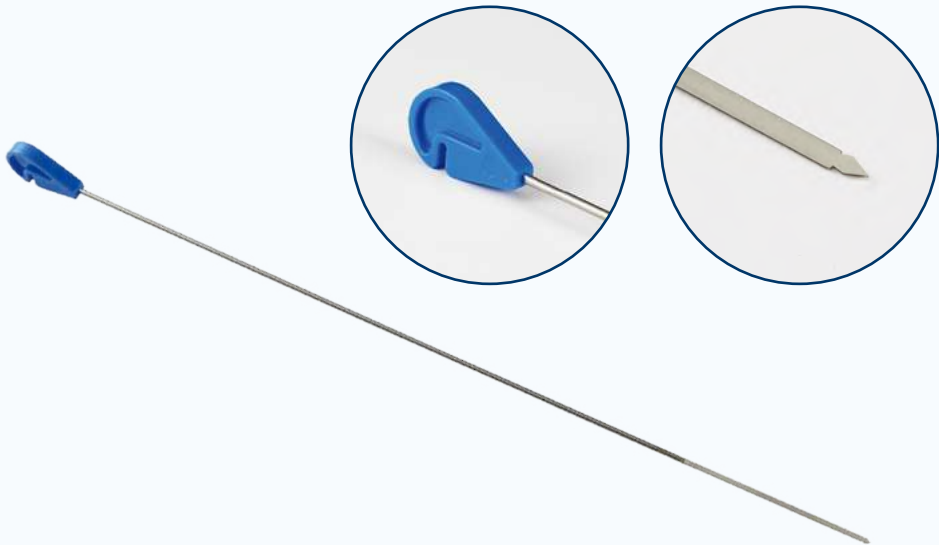
Running Time using Battery : 4h



Disposable Suture Passer Needle (Single & Multi)

**Spike Needle (Single)**

• **MODEL** MC-1000SN



**Spike Needle (Multi)**

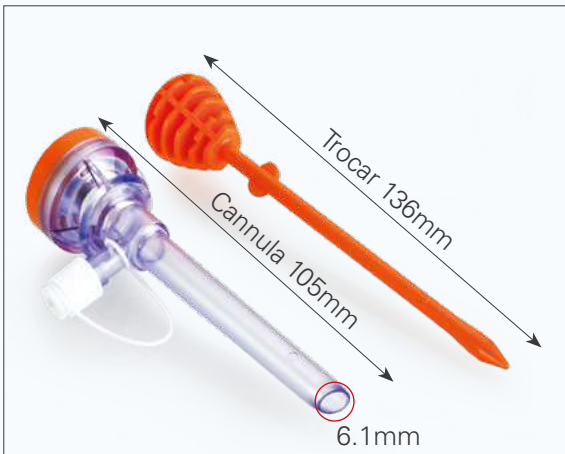
• **MODEL** MC-2000SM





### Smart Ring Cannula

• **MODEL** SR-1000 (6.1mmx70mm)



### Smart Smooth Cannula

• **MODEL** SS-2000 (6.1mmx70mm)



### Smart Twist Cannula

• **MODEL** ST-3000 (8.25mmx70mm)

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104, Jeonpa-ro 24beon-gil, Manan-gu, Anyang-si, Gyeonggi-do, South Korea

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**Fax** +82 31 479 1180

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**Phone** +82 10 8936 8625

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**E-mail** [hychoi@sciencemedic.com](mailto:hychoi@sciencemedic.com)

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**Site** [www.sciencemedic.com](http://www.sciencemedic.com)