Surgical Products Overview
THE COMPANY

The Global Medics Group is a young dynamic company servicing the Australasian market with unique and niche products to the four Key market segments -

AGED CARE  THEATRE SURGICAL  HOSPITAL  PHARMACY/IT

The Company’s vision is to improve quality of Life for all patients and their healthcare providers by focusing on key specialities - Infection Control to reduce Hospital acquired infections / Pharmacy Automation and Management / Continence Management-Aged Care / Lean Inventory Management / Mobile Computing all to improve the patient outcomes.
Forging “Partners for Life” through understanding your needs and ensuring our product and technology are there when the care is needed.

OUR MISSION

To forge “Partners for Life” by delivering innovative products, simple and effective solutions to improve quality of life for both patients and healthcare providers.

FOR ALL ENQUIRIES PLEASE CONTACT OUR HELPLINE

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One of Global Medic's key areas of specialisation is orthopaedic surgery equipment and associated operating theatre products.

Our extensive range of orthopaedic tools and accessories includes:

Cingle Bit - the innovative new design drill bits specifically designed to address the needs of modern day orthopaedic surgical practice. These drill bits are the most advanced single use bits on the market, delivering superior performance and exceptional strength at an affordable price.

Kaiser Osron and Ultrimax - the comprehensive selection of cost-effective disposable instruments and consumable that deliver fresh, out of the box, pre-sterilised equipment that’s ready to use. The range includes instruments which work with a power supply or battery, and accessories.

Bojin - the highly regarded, reusable orthopaedic tools which deliver optimum function, performance and lightweight portability. The Bojin range of tools is supported by an equally wide range of accessories.
CingleBit™ DESIGNED SPECIFICALLY FOR USE IN LIVING HUMAN TISSUE

For decades, orthopaedic surgery has been supplied with drill bits derived from industrial style manufacturing technology. But drilling living human bone tissue is very different, and factors such as accuracy, thermal damage, sharpness, sterility, strength, control and cost are just some of the specialised issues that need to be addressed.

Now there is an orthopaedic drill bit designed to suit 99% of all orthopaedic systems and address not just a few but all the needs of modern day orthopaedic surgery.

CingleBit is the most advanced, single use, disposable orthopaedic drill bit on the market today, delivering superior performance and exceptional strength at an affordable price.

- Unique design, the result of years of optimisation
- Eliminates the risks of cross contamination from multi-use bits
- Flute geometry design that reduces soft tissue, surgical glove and drill guide damage
- Cuts through bone tissue accurately with ease and total control
- Inexpensive, accurate, sharp and sterile every time
- Meets high surgical standards

CingleBit™ THE MOST ADVANCED CANNULATED ORTHOPAEDIC BIT ON THE MARKET

The result of many years of cutting tool optimisation, this cannulated drill bit overcomes the shortfalls of most cannulated drill bit designs by addressing the fundamental requirements of surgical drilling procedures. It delivers a solution that meets the need of soft tissue preservation, improved hole geometry and superior implant thread contact.

As a cost-effective, single use product CingleBit Cannulated delivers improved clinical and tactical advantages whilst also helping to reduce cross contamination, infection rates and costs.

- Meets issues of drilling living tissue, first time, every time
- Symmetrical hole geometry maximises implant contact
CINGLEBIT
SINGLE USE, DISPOSABLE ORTHOPAEDIC DRILL BITS

- Radius leading and trailing flute edge
- 4 cutting blades for maximum cutting efficiency
- Superior strength and optimal surgical performance for the best surgical outcomes
- Supplied in boxes of 10, 20, 50 and 100 sterile units

CinglePin FOR SUPERIOR SURGICAL OUTCOMES

A revolutionary alternative to the traditional trocar type pins and wires which have been used in orthopaedic surgery for decades without major design enhancement.

The present day environment of orthopaedic surgery requires high accuracy and minimal thermal insult, and a very high standard of specific instrumentation is now available. CinglePin reflects these demands in a highly accurate instrument that protects soft tissues and guides whilst maintaining a powerful bone-cutting tip and keeping thermal insult to a minimum.

- The safe and effective solution for pining in all parts of the body
- Improved drilling stability and increased bone contact surface
- Mathematically designed to ensure sufficient contact to maintain stability at all times
- Minimises damage to the internal surface of the device
- Threading option - for use with external fixation and navigation systems
- Three fluted points compared to traditional two
- Can target an intended drill site 50° off the perpendicular for superior, accurate pin placement
- Available in all diameters for any non-propriety cup-link designs. Boxed in 10, 20, 50 and 100 sterile or non-sterile units
The Kaiser Osron range provides surgeons with a comprehensive selection of cost-effective disposable instruments and consumables, suitable for orthopaedic surgical procedures, trauma and general wound care.

No more costly re-sterilising, maintenance, shipping and cancelled surgeries due to equipment ‘downtime’. Instead Osron offers sterile ‘fresh out of the box’ equipment that is ready and easy to use, requires no in-house sterilisation - these tools are all pre-sterilised by ETO - and delivers a reliable new tool for each surgery without fear of tool failure or tool degradation.

The range includes surgical instruments and equipment and accessories which can be used with either a power supply or battery. They are all safe to incinerate or grind up without fear of toxic chemical waste.

**OSRON PULSE LAVAGE SYSTEM**

A range of fully disposable, battery powered instruments for effective wound debridement following orthopaedic procedures in trauma and joint arthroplasty. They combine convenience and power with pre-sterilisation for zero infection.

Choose from Osron pulse lavage tools with the built-in battery pack design which simply twists off for easy disposal or the rechargeable battery pack option.

- Easy to handle ergonomic design
- Easy attach and release tip accessory
- Pressure up to 15 PSI
- Long operation life of 50 minutes plus
- Low/high speed flow rates from 500 ml/M up to 850 ml/M
- Low noise - 60dB
**OSRON BONE CEMENT APPLICATION SYSTEMS**
Two easy to use, vacuum mixing and application devices for orthopaedic cement, both capable of mixing and delivering cement of varying viscosities.

- **Syringe Mixer** - this efficient system is easy to assemble. It features an hermetic sealed cartridge during mixing and a syringe gun transfer adaptor design which is compatible with most mixing bodies. Both the mixer and injection gun are disposable for zero infection.

- **Bowl Mixer** - this easy to assemble mixing unit also features a hermetic sealed cartridge during mixing, as well as an ergonomic handle design, dual blade and 360° scraper. It can mix medium and high viscosity cements.

Both mixers include vacuum tubes to reduce air bubbles and odours.

**OSRON ULTRIMAX**
All Osron tools are supplied in sterile packages, ready to use when required, so you can be confident of sterility. The range also includes a fast charging single station battery charger, 3 station charger and a rechargeable battery pack.

- **OSRON ULTRIMAX STERNUM SAW**
The high performance, reliable and pre-sterilised ready to use saw designed for cardiothoracic surgery. Lightweight at just 600 grams, easy to use and versatile, this saw features a sternum guard for patient safety and convenience. It can be rotated 180º to the surgeon’s preference.

- **OSRON ULTRIMAX RECIPROCATING SAW**
For vertical osteotomies such as cutting off the head/neck of the femur during total hip procedures, knee procedures, general orthopaedic osteotomies and other bone cutting procedures. Weighs just 600 grams.

- **OSRON ULTRIMAX OSCILLATING SAW**
This lightweight and very manoeuvrable saw is ideal for orthopaedic osteotomies and other bone-cutting procedures. It provides constant power for the entire procedure and requires no additional accessories other than the blade. The Linvatec or Striker type locking hub accepts standard oscillating saw blades. Weighs just 600 grams to minimise wrist fatigue.
OSRON ULTRIMAX DRILL
This lightweight, high performance drill is designed for drilling and screwing in a variety of reconstructive and trauma procedures. A 4mm cannulated channel is provided for pins and guide wires. Forward and reverse with keyless chuck.

OSRON ULTRIMAX REAMER
This reliable, high performance, pre-sterilised drill is made for orthopaedic procedures requiring drilling and reaming, particularly those where continuous power is critical. The reamer includes a 4mm cannulation channel for pins and guide wires. Keyless chuck, 8.0Nm of torque, forward and reverse speed. Compatible with other adaptors.

OSRON TOOLS CAN ALSO BE CONVERTED TO BATTERY POWER

OSRON SINGLE STATION BATTERY CHARGING UNIT
Fully charged in 6 to 8 hours. With an automatic cut-off function, for recharging of the battery pack.

OSRON TRIPLE STATION BATTERY CHARGING UNIT
As above but with three charging stations.

OSRON BATTERY PACK
A rechargeable unit designed for use with the full range of Osron tools. It uses high power density Ni-MH cells designed to produce output comparable with reusable tools. Features a handy charge indicator.

OSRON BATTERY KIT
Holds the battery and attaches neatly to the base of the tools to convert them from mains power to battery operation.
CHUCKS AND ADAPTORS
A complete range of chucks and adaptors which allow Osron tools to be used with all the major manufacturers’ blades.

BLADES
Blades come in a choice of wave surface, flat surface or split tooth, depending on the application.
Blades should be selected by:-
1. Width - measured at the outer edge of the two extreme teeth
2. Depth - the maximum depth of bone to which the blade is able to penetrate
3. Cut Thickness - the thickness of the blade measurement at the cut edge
4. Body Thickness - blade thickness excluding the offset tooth design

PREMIUM OSCILLATING SAW BLADES
With a unique, patent-pending wave surface that is lighter, prolonging the life of the tool, has low surface friction which increases cutting performance and helps remove debris during cutting procedures.

OSCILLATING SAW BLADES

SMALL BONE SAW BLADES

RECIPROCATING SAW BLADES
The Bojin brand produces a highly regarded range of quality osteosurgery power tools and accessories, orthopaedic instrument kits, portable X-ray fluoroscopy and medical cutting tools. These are designed to combine innovation with robust, reliable operation and specific relevant product features.
In nearly all cases, Bojin tools are battery powered for portability right round the theatre and lightweight ease of use. Power and performance are not compromised, as the batteries used in the Bojin range have been proven to deliver in all applicable surgical procedures.

The comprehensive selection of tools is supported by an equally wide range of blades, drill bits, reamers and other accessories, all of which can be sterilised in the autoclave.
## PRODUCT SUMMARY

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