

# ENDO



## PRODUCT CATALOG

Medical Distributor and Manufacturer



**LKPP** *ecatalogue*  
Belanja Cepat Cara Tepat

Lembaga Kebijakan  
Pengadaan Barang/Jasa Pemerintah



EDISI EI-102

## PT. ENDO INDONESIA

ENDO INDONESIA was founded in 2006 as a company engaged in importation and distribution of Medical Devices. Today, among many others, our product portfolio consists of Electromedical Devices, Instruments, Disposables, Orthopaedic Implants, and accessories. Since 2012 we established a subsidiary company named PT. Meditronik Hospilab Indonesia specializing in manufacturing. The products made at the moment are Medical Chart Paper and Electromedics.

### Our Vision

"Improving health care of Indonesian society by providing good quality products at affordable prices."

### Our Mission

"Consistent development and continuously increasing employee's well-being while maintaining integrity in daily routines."



#### Improving Healthcare

Providing high quality products at affordable prices



#### Networking

Through doctors, hospitals, distributors, and resellers



#### Qualified Personnels

Experienced staffs in their respective fields



#### Fast Delivery

Most products are ready in stock

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## Exclusive Distributors





## **Spirobank II Advanced Spirometer**

Memory of up to 10.000 test. Real time tests with wireless Bluetooth, connection to PC. FVC, VC, pre and post tests with main parameters enabled (FEV1, FEV1%, PEF, PEF2S-7S% FET, EVOL, IVC, IC, ERC).



## **Spirolab Spirometer**

7" Touchscreen, all in one portable desktop spirometer. Memory of up to 10.000 test. Spirometry test: FVC, VC, IVC, MVV, pre / post Bronchodilator comparison with a wide range of selectable parameters.



## **Smart One FEV1 and Peak Flow Meter**

Ideal for monitoring respiratory illnesses and in the self management of Asthma, COPD, Lung Transplant carem Cystic Fibrosis and for use in Clinic Trials.



## **EEG Digitrack Electroencephalography**

It is a very efficient, user-friendly tool for routine clinical EEG. The newest and most advanced 32 channel EEG amplifier & many additional modules allows to make a full range of neurological diagnostics.



## **Audixi 10 Smart Audiometer**

Compact, ergonomic and easy to use. Productive and connected, the appointment and patient management system is accessible local or remotely. Manual tone audiometry with or without masking, narrowband or wideband.



## **BP868F Blood Pressure Monitor**

The BP868F is an one touch full automatic blood pressure monitor which offers accurate and precise results. Semiconductor strain gauge pressure detector. Measuring method is Oscillometric.



## **Skin Graft Mesher Surgical Instrument**

Skin graft mesher is a surgical instrument used for skin transplantation. Single cutter cuts skin graft into geometrical shaped mesh and enlarge skin surface. Easy availability of replacement parts.



## **Dermatome Surgical Instrument**

Dermatome is a device used for skin transplantation. It can be used with these possible technologies: battery, electro-motor, and pneumatic. User friendly, battery powered high torque motor design.



## **Dermatome ST-5 Skin Transplantation**

Special designed hand piece for different operation variations. Light weight and cordless, battery operated ergonomic system offers mobility. Quick, easy and safe blade replacement mechanism.





**RT-9700**  
*Semi Auto Chemistry Analyzer*

7" color LCD touch screen and keypad, Semi-auto Chemistry Analyzer. Reagent open system support flow cell and cuvette mode.



**Zeus-400 Upgraded Version**  
*Electrosurgical Unit*

Zeus 400 upgraded version provide safety flexibility and convenience, supported by powerful and stable technology. 10 storages are available by using storage function. Bipolar cut function is available.



**Zeus Vision**  
*Electrosurgical Unit*

Color graphic user interface. Best safety with feedback system. All touch screen system and key, Diversity of feature bipolar. Bipolar cut function is available.

## ENDO



**ENDO AM-3**  
*Anesthesia Machine*

Advanced anesthesia machine with high technology, support a variety of patients. Suitable for neonate, pediatric & adult. 12" TFT color touch screen comply with multi parameter monitoring. Meet low flow requirement by multi parameter monitoring. Electronic flowmeter of high accuracy and intuitive displaying.



**ENDO ANM2**  
*Anesthesia Machine*

Multifunction anesthesia machine, more accurate. Internal 8.4" TFT screen. Integrated CO2 absorber system, easy to disassemble and assemble components, clean and maintain. Suitable for pediatric and adult. CE marked, meet EU clinical requirement.



**ENDO AM831**  
*Anesthesia Machine*

Display : 4.2" LCD screen.  
Patient : pediatric and adult.  
Dual Vaporizer : halothane and isoflurane.

Ventilator :  
Type and drive mode : integrated electronically controlled pneumatically driven ventilator.  
Ventilation mode : IPPV, manual, spontaneous.



**ENDO AM832**  
*Anesthesia Machine*

Display : 5.6" LCD screen.  
Patient : pediatric and adult  
Dual Vaporizer : Isoflurane and Sevoflurane.

Ventilator :  
Type and drive mode : integrated electronically control pneumatically driven ventilator.  
Ventilation mode : IPPV, IPPB, SIGH, manual / spontaneous.



## **ENDO Ventilator SH-300** *ICU Ventilator*

Great visibility, SH-300 is quipped with a large 10.4" full color display. The high resolution display provides for a flexible graphics menu combining respiratory curves, loops, and numerical data of physiological parameters.

Expiratory valve, with heating function, the expiratory valve protects the device from condensed water accuracy of the flow sensor is ensure.



## **ENDO NV8** *Neonatal Ventilator*

Specially designed for neonates, NV8 provides and diversified non invasive nasal ventilation modes with advanced apnea wakeup function.

Accurate and safe fresh gas delivered by iFlow Intelligent Closed loop Control System to protect fragile new life. User-friendly operating system with easy clinical practice to facilitate medical staff. Integrated ventilation solutions providing SNIPPV / NIPPV, NCPAP and HFNC modes for safe ventilator weaning. Minimum neonatal weight : 0.5 Kg.



## **ENDO Ventilator V1** *Portable Emergency Ventilator*

5.6" TFT color screen, patient type : adult and pediatric.

Ventilation mode : VCV, SIGH, SIMV+VCV, CPAP, SPONT.

Weight and dimension :

NW : 6.6 kg. GW: 7 kg.

Dimension : H480xW260xD420mm Trolley (optional).

Backup chargeable battery.



## **ENDO Ventilator V2** *ICU Ventilator*

ENDO Ventilator V2 is a mechanical ventilator designed to provide invasive & non-invasive, continuous or intermittent, respiratory support for adult, pediatric, and neonatal patients. Turbine based ventilator.

Display size :

12.1 inch TFT Touch Screen

18.5 inch TFT Touch Screen (optional)



## **ENDO HDF-2** *Hemodialysis Machine*

ENDO HDF-2 providing high efficiency treatment through advanced technologies.

Advanced therapy options offers the HD, HF, HDF, IUF, and sequential dilaysis therapy option. Multi function heparin pump, support 5ml, 10ml, 20ml, 30ml, and 50ml syringes. Automatic syringe type check. High capacity battery, equip with a 10000mAh battery that can continuously operate up to 30min during power outage. Leakage detection, quickly detect the liquid leakage and blood loss.



## **ENDO High Flux** *Hemodialyzer*

Membrane material medical grade polyesther sulfone (PES). Housing and blood caps material medical grade polycarbonate (PC). Potting sealants material bi-component polyurethane sealants (PU).

Inner diameter of membrane 200 um. Wall thickness of membrane 40 um. Maximum operation pressure 66.5/500kPa/mmHg.



## ENDO PO-1 *Handheld Pulse Oximeter*

As a handheld pulse oximeter, ENDO PO-1 is designed to serve the needs of both long-term monitoring and spot check. Reliable, accurate and sensitive measurement of blood oxygen saturation.



## ENDO PO-2 *Fingertip Pulse Oximeter*

ENDO PO-2 finger oximeter delivers a fast, reliable, oximetry in a very handy, fingertip solution by combining the monitor and the sensor into one unit. ENDO PO-2 is small in size, nonetheless it provides SpO2.



## ENDO EI.PO *Pulse Oximeter*

Reliable results, accurate readings on challenging patients due to low perfusion and darker skin tones. Proven accuracy, scientifically proven accuracy in the widest range of patients. Four directions display, pulse beep.



## ENDO 7A-23B *Suction Pump*

ENDO Suction Pump 7A-23B is a mobile suction apparatus developed from similar products and equipped with new generation oil free negative pressure pump. ENDO Suction Pump 7A-23B type of electric suction apparatus adopts completely plastic panel design, which makes it more fancy and fashionable.



## ENDO 7E-C *Portable Phlegm Suction Pump*

ENDO Portable Phlegm suction pump 7E-C is based on similar products at home and abroad is a new generation of oil free lubrication suction device, which is suitable to use by the patient who has difficulty in phlegm removal due to illness, coma and operation, as well as for aspirating such liquid as pus and blood during the clinical practice.



## ENDO Exercise ECG Test *Treadmill Stress Test*

ENDO Exercise ECG Test + Treadmill system providing comprehensive solutions for both stress ECG and resting ECG. Compatible with leading Treadmills, Bicycles (Ergoline and Ergosana) and Blood pressure monitor. Automatic baseline correction for stable ECG trace. Standard arrhythmia detection. Classical and customized exercise protocols.



## ENDO PC-ECG-1 *PC Electrocardiograph*

PC ECG-1 offers user-friendly design in both the sampling box and the PC software, which aims to improve your work efficiency and increase your productivity. As a professional ECG solution, PC ECG-1 is always dedicated to bring clinicians accuracy and high efficiency in both ECG sampling and diagnosing.



## ENDO EI.FD *Fetal Doppler*

Superior sensitivity, high fidelity sound, recording option and optional rechargeable battery ensure the doppler family to meet the routine examination requirements of obstetricians and midwives. Easy to use, compact design, support 1.5V AA battery, built-in audio recorder, large backlit LCD display, and accurate fetal heart detection with high fidelity sound.



## ENDO EI.VD *Vascular Doppler*

ENDO EI.VD offers a traditional pencil style 4 or 8MHz probe. It can locate both superficial and deep vessels faster and provides stronger signals. The handheld doppler has been widely adopted as standard equipment for the assessment of peripheral vascular disease. Easy to use, ergonomic design, interchangeable and waterproof probe, rapid and effective.



## ENDO EI.FM *Fetal Monitor*

Convenient to carry or transport. Compact, portable & lightweight. Long life Lithium-ion battery for outpatient service. Easy to read and operate. 5.6" foldable screen. Large numeric and waveform display.



## ENDO EI.VC *Video Colposcope*

LED cold lighting system reproduces an original view of tissue. Advanced and fast auto focusing system ensures clear image. Remote capture control and user friendly keyboard layout for easy operation.



## ENDO EI.HM *Holter ECG Monitor*

Compact, light and waterproof. The holter recorder reaches protection grade up to IP27, intending to prevent unexpected damages from water or dust, which maximizes patients freedom in their daily life.



## ENDO EI-PM *Patient Monitor*

Provides the perfect transportation solution. The multi-functional, all in one parameter module & new application platform greatly increase the efficiency of monitoring clinical parameters during patient transfer.



## ENDO EI.PM2 *Patient Monitor*

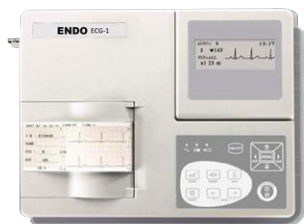
Reliable monitoring technologies at your finger tips. With their accurate readings and optimized performance, the ENDO EI.PM2 series can meet basic monitoring needs, bringing easy access to high quality healthcare for everyone.



## ENDO EI.VSM *Vital Sign Monitor*

Combining a stunning ultra-slim design, a large capacitive touch screen, together with a rich set of leading function, EI.VSM takes the lead and presents itself as the beginning of a new generation of vital signs monitors.





## ENDO ECG-1 *Electrocardiograph 1 Channel*

Vivid waveform with foldable LCD display. Built in high resolution thermal printer. Built in rechargeable Lithium-ion battery, AC/DC power supply. Well designed membrane keyboard.



## ENDO ECG EI-ECG3Ch *Electrocardiograph 3 Channel*

Smart ECG are high quality and affordable three channel ECG units. Compact and light design makes it portable for any work situation.



## ENDO ECG EI-ECG12Ch *Electrocardiograph 12 Channel*

Twelve channel ECG. 7" high resolution color touch screen. User friendly design, streamlined workflow and accurate clinical performance.



## ENDO EI-SP *Syringe Pump*

Numerical keypad, simple, fast and convenient syringe installation, color LCD. Open system up to 10 syringe brands can be calibrated in a single unit.



## ENDO EI-IP *Infusion Pump*

Numerical keypad, various display, user friendly. Open system up to 10 IV set brands can be calibrated in a single unit.



## ENDO EI.TM *Non-contact Infrared Thermometer*

Professional accuracy. 10s auto shut off. Hygienic non-touch. Smart fever alert, green light for normal and red light for fever. Silent mode. Safe and hygienic. Multiple use, head and object mode. 20 memories.



## ENDO EI.USGBW *Ultrasound Diagnostic System*

Ergonomics, easy to carry. ECHO, advanced technologies i-Image, THI, SRA compound imaging. Economic, support PC printer, reduce investment and day to day paper cost. ECO-friendly less radiation and longer usage life LED.



## ENDO EI.USG4D *Digital Color USG*

Light probe, releases doctors from scanning fatigue. Fast speed, 4D volume rate reveals fetal movement in real time. Quiet probe, vibration free and noise free probe allows better, care for mother and fetus. Smart function, the latest technology compound i-image, SRA, etc. Provide super image.

Multi beam former technology. Enhance signal processing speed. Enhance time resolution. Improve picture frame rate. Improve spatial resolution.

## ENDO



### ECG Bulb and Limb Clamp Electrode, ENDO ECG Cable Accessories

ECG bulb and limb clamp electrode, reusable praecordial electrode for ECG. Ball material plastic. Reusable peripheral clamp electrodes for ECG. Electrode material coating Argento Clorurato. Connection universal screw 4mm and clip.

Patient cable compatible for Burdick, Fukuda Denshi, Kenz, Nihon Kohden, Schiller, Cardioline, GE-Marquette, Mortara, Philips/HP, Quinton.

## ENDO



### ENDO Pro Micropipette

Micropipette variable or fix volume. Smooth pipetting, best in hand grip for comfort, reduced thumb stress, highly accurate & precise. Minimum size with maximum accuracy. Fully autoclavable, two stop plunger.



### Accumax Smart Micropipette

Micropipette Fix and Variable Volume. Ergonomic design, suitable for left and right handed users with a relaxed greop and a good balance, soft touch tip ejection. Light and smooth plunger action, locking mechanism prevents accidental colume change during pipetting. Clear 4 digit display for small increments and wider volume selection options, resistance free click stop counter, larger digits. Slim design allows pipette to operate even with narrow tubes used in laboratory.



### Accumax Pro Micropipette

Micropipette Fix and Variable Volume. Soft comfort, the smooth plunger mechanism offers least resistance for ease of effortless accuracy. Comfortable finger rest, for resting of the pipette on either hand. Tip ejector, for smooth ejection of the tip preventing any contamination. Ergonomy, best in hand grip for comfort. Precise setting, of the selected volume ensures accurate dispensing of the liquid. Light weight, of the pipette makes your job less tiresome and improves efficiency.



### Accumax Smart Multichannel Micropipette

Soft smart finger grip of TPE, manifold can rotate 360 degree for easy right or left hand operation. Easily removable and fully autoclavable manifold. One hand tip ejection, soft force tip loading and ejection. Consistent sample loading, leak free sealing of tip, attractive color coding. Compatible with most types of tips. Calibration report enclosed with every pipette.



### Micropipette Stand Standard and Carousel



**Praxis**  
**Orthopedic Set, Drill Set**



**Praxis**  
**Orthopedic Set, Basic Set**



**Praxis**  
**Orthopedic Set, Large Set**



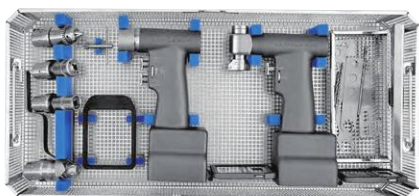
**Praxis**  
**Reciprocating Saw Set**



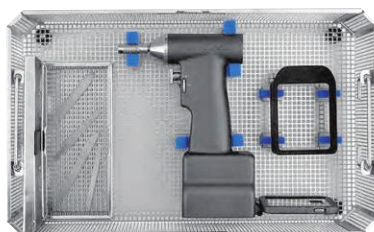
**Praxis**  
**Sagittal Saw Set**



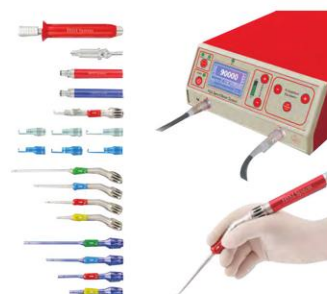
**Praxis**  
**Sternal Saw Set**



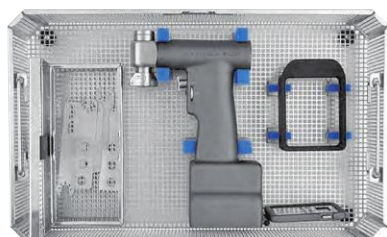
**Karinca**  
**Orthopedic Set**



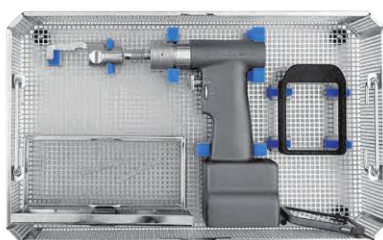
**Karinca**  
**Reciprocating Saw Set**



**High Speed Motor**  
**Neuro System**



**Karinca**  
**Sagittal Saw Set**



**Karinca**  
**Sternal Saw Set**



**High Speed Motor**  
**HSM-2**



## ENDO



### ENDO EI.EC7 Full HD Camera System

Full HD display resolution. High speed shutter. Multilingual menu. Camera remote. Image sensor 1/3" MOS, TV system progressive scanning at 50/60 Hz. TV resolution 1920x1080 Px (Full HD), ratio index 16 : 9.



### ENDO EI.LS2 LED Light Source

ENDO LED light source is a modern and high quality LED light source that offers light intensity high with low heat conduction with enhanced LED technology.



### ENDO EI.PC.2 Portable Camera System

Portable endoscopy camera. Full HD camera, LED light source, and medical monitor in 1 pack. Can be used for : Laparoscopy digestive, obgyn, Endo urology, ENT, arthroscopy, and hysteroscopy.



### ENDO EC-1 Portable Camera System

Camera 1/3" CCD, waterproof. Scan standard : DVI output 600 lines. Result : video. Light source LED with color temperature 6000K. Storage : SD card. Display screen 15" TFT color screen.



### ENDO EC-3 Camera System

Full HD camera and LED light source. Video PAL / NTSC, image sensor CMOS, resolution 1~9999 ml. Minimum lighting 1920 x 1080P, aspect ratio 0.017 Lux. SNR 16 : 9, white balance >=48dB.



### ENDO EI-LS Cold Light Source

EI-LS is an endoscope equipment that can provide a good and clear clinical light source, provide good lighting, when doctors examine, take pictures, record videos of body cavity organs.

## ENDO



### ENDO EI.Lap.INS3 CO2 Insufflator with Heater

ENDO CO2 Insufflator is a device to insufflate CO2 gas into the stomach during laparoscopy. In order to obtain high visibility and adequate space for endoscopic procedures, the body cavity must be enlarged with CO2.



### ENDO EI.Lap.INS2 Insufflator with Heater

Media insufflation, medical gas CO2. LCD display. Gas flow maximum 30 Lpm. Minimum flow display +/- 0.5 l/min. Pressure bar 5-300 Hg. Maximum flow display +/- 0.5 mmHg. Resource 100-240 VAC, frequency 50 Hz.



### Morcellator Abdominal Hysterectomy

The special full load of 0.5 Nm allows a controlled, powerful cutting of tissue with a very low drive. Ergonomic design, grip module lies well in the hand and its weight is balanced.

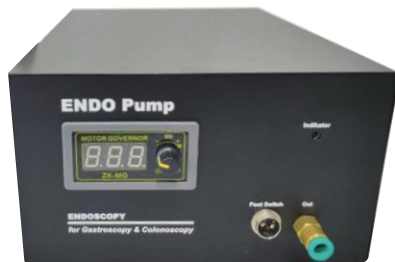


## ENDO



### ENDO EI.Lap.Pump Pump

Intelligent leak compensation to display optimal fluid balance. Non contact pressure measurement. Easy to operate. Quick start time and easy loading of tube sets.



### ENDO EI.Pump Pump

Maximum water flow 4.0 Lpm. Power supply 220V - 230V AC. Power 55VA. Maximum pressure 0.6 Mpa. Frequency 50/60 Hz. Class I classification, IP 20. Dimensions (LxWxD) 21.5 x 30.5 x 12.5 cm. Weight 4 kg.



### EI.VL (Reusable)

#### Portable Video Laryngoscope

Portable video laryngoscope reusable with 6 reusable blades, can be used for neonatus - adult. Thin blade, increases access in the smaller mouth crevices and reduces tooth decay making it safe to use. Portable / USB rechargeable, universal device, cord-free whenever you need it. Camera / memory, video imaging during the laryngoscopy procedure. Video angle, monitor screen that can be rotated in an angle of 120 degrees. Type of surgery, can be used when performing anesthesia, and examining the vocal cords / larynx, as well as removing foreign objects from the throat / collecting tissue samples (biopsy).



### EI.VL (Disposable)

#### Portable Video Laryngoscope

The super thin blade improves access in the smaller mouth crevices and reduces tooth decay making it safer for patient use. The cost is very affordable because it uses a disposable plastic knife. Camera that makes video imaging look good in the live laparoscopy process. The memory capacity is 8 GB to record images during the procedure and store them on a chart of each patient for further reference. Video angle, the monitor can be rotated up to 120 degrees to comfortably view the procedure from multiple angles.



### CO2 Insufflator & Pump Insufflator & Multi-indication Pump

CO2 Insufflator reliable base unit, highest safety, and mature technology. Easy to use, universal and efficient. Multi-indication pump is resource saving, simple, and innovative with four indications.

## SonoScape



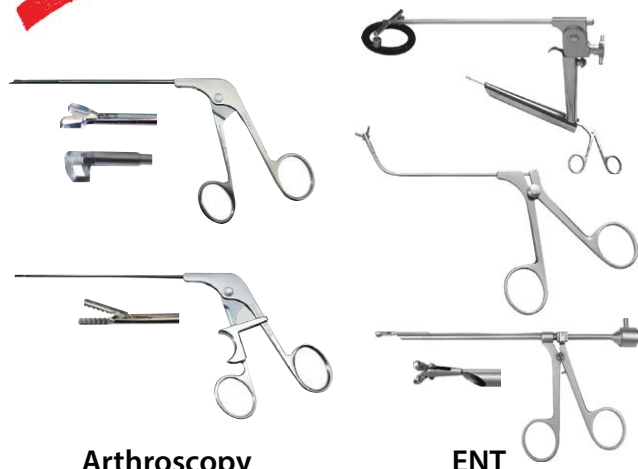
### Full HD Video Endoscopy System Image Processor and Light Source

Equipped with a 3-CMOS image sensor, SonoScape's 2K system outputs 1920x1080p and 60FPS Full HD digital signal. The image's color, edge and structure are optimized, the noise minimized. It provides an outstanding and stable visual field down to details, creating an excellent visualizing experience for the surgeons with true to color images, enabling easier and finer operations. Functional and ergonomic, the FHD camera head is designed to offer a brilliant user's experience.

# Endoscopy

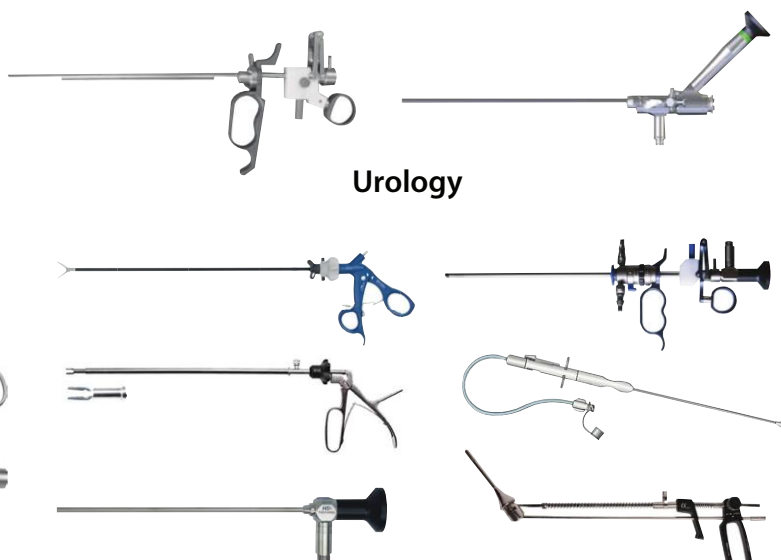


## ENDO



Arthroscopy

ENT



Urology

Digestive

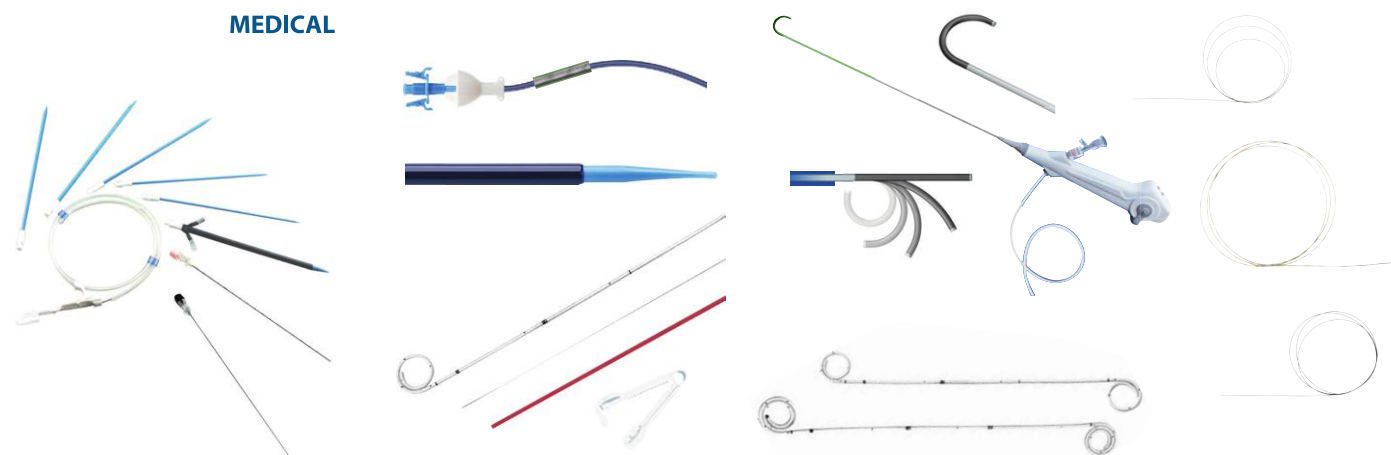
Gynecology

## AGS



Endoscopy Flexible Instrument

## SEPLOU<sup>®</sup> MEDICAL



Urology Consumables



## Detrowash

### Endoscope washer and disinfectant

Disinfection compatibility system, suitable for use with liquid disinfectants for all endoscope devices. Suitable for single use and ready to use disinfectant. Double tank system. In the same device, two different disinfectants can be used according to the usage area of the disinfectant (endoscope, bronchoscope, colonoscope, etc) and disinfectants are stored in separate tanks without mixing each other. Double scope system, saves time and solution by disinfection of two endoscope at the same time.



## Detro Forte, Detro OPA, Detro Enzym

### Disinfectant and Enzymatic

Detro Forte and Detro OPA, high level disinfection of surgical instruments, flexible and rigid endoscopes. Enzymatic provides pre cleaning for medical devices and endoscopes and all kinds of surgical instruments. Cleans the organic contaminations like blood, oil, protein, starch on surfaces.



## Detro Sept AF

### Disinfectant

Detrosept AF is fast effective alcohol based spraying and wiping disinfection product. Aldehyde and phenol free. It is used at medical surfaces and medical materials (dental units, stethoscope, working surfaces, medical instruments).



## Detro Derm

### Hand and skin antiseptic

Detro derm is used for hygienic and surgical antisepsis of hands and skin at all health institutions like surgery, intensive care units, clinics (dental, veterinary), laboratories and for patient care at home.



## Glove Port

### Single Port Laparoscopic

Minimally invasive surgery, single port access. Can be used in robotic surgery. Can be opened during operation. Each port can move independently. Insertion can be seen through transparent port part. Variable size and type. From neonatus until adult. Can be used for all laparoscopy procedures.



## ENDO Clean 1000

### Automatic Endoscope Reprocessor

Endoscope is delivered under most reliable environment with strong cleaning capability and sterilization ability. Maintaining concentration of sterilization liquid for certain period by minimizing dilution rate.



## ENDO Clean 2000

### Endoscope washer and disinfectant

Endoscope reprocessor management total solution, high performance a dual scope reprocessor. User-centric various program configuration. A function to wash sterilization tank. Automatic alcohol injection into internal channel.

# Endoscopy



**digiFlow - ST2**  
*Uroflowmetry*

Fully automatic or manual operation. User friendly system. Uses in built thermal technology printer. The printer requires no maintenance, no ink refilling. Prints crisp and clear high resolution printouts.



**digiFlow - 4**  
*Uroflowmetry*

Fully automatic. Uses PC's USB port for communication with the hardware. Prints crisp and clear colourful or greyscale printouts on any color deskjet or laser printer installed on the PC.



**Lithosplit 4.1 Digital**  
*Pneumatic Lithotripter*

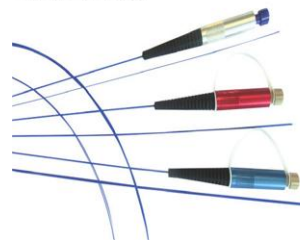
Easy to use electronic control is provided to set a desired energy level from 1 to 10. This wide range of control allows a surgeon to disintegrate stone of any hardness and size easily.

**Potent®**



**Holmium Laser Therapeutic**  
*Laser Therapeutic*

Dual insurance laser. Unique sealing techniques patent. Sound mute environment friendly water cooling system, high efficiency, long time use. 0.1J step length adjustment, wide range alternative energy feedback.



**Holmium Laser Fibers**  
*Fiber*

MED-Fibers with its key management and the combined optical glass, and optical fiber experience is your partner for the next generation of technology. Provides you with the highest standard laser.

**ENDO**



**Pneumatic Lithotripter**  
*Pneumatic & Ultrasound Lithotripter*

Unique multi-mode coupling device. No more clamping and unclamping of suction during PCNL procedures. Wide range of probes. Easy to use soft keys and display. Powerful, user-friendly, cost effective.

**GERUI**



**Disposable Bite Block**  
*with rubber headband*

Function open the mouth and throat inspection. Material PP. Size L26.5 \* W21\* H24.5mm. Strip 550 \* 20 mm

**TROPIAN TECH**



**Disposable Trocar**  
*Trocar*

Tropian is designed to enhance surgeons and assistants of health. The key features of this product including the filter. A distinctive aspect of our product is triple filter system. Good grip, ergonomic designed trocar.

**EZLIG**



**Multi Band Ligator**  
*Multi Band Ligator*

Used for ligating esophageal varices combined with Endoscope. Post installation of the bands makes the field clear. Precise ligation, obvious release resistance, easy to operate. Bands release reminds by feeling.



## SonoScape



HD-350

HD-500

HD-550

### HD-350, HD-500, HD-550 Video Endoscopy System

HD image and 60 frames per second progressive scan video. Two different modes of structure enhancement. Flexible picture in picture function. Built in workstation with highly customer defined reporting, patient data management, image capture, video recording and data playback. Hot plugging of endoscope. Variable Intelligent Sustaining Technology.

*Gastroscope, Colonoscope, Bronchoscope, and Laryngoscope*

## SEESHEEN see the endo-sheen



### Intubation Laryngoscope Flexible Video

Seesheen intubation scope standard attaches removable 3 inch display which offers open vision. The product line offers ideal and completed intubation solutions by the features of versatile, efficient and scatheless.



### Bronchoscope Flexible Video

Slimmest 3.2mm outer diameter. Chip on tip video technology. Left and right 120 degree insertion rotation. Photograph and video recording. Portable design offers more convenience for routine examination and therapy.



### Cystonephroscope Flexible Video

Better vision and durability than traditional fiber scopes. Video chip on tip technology. 275 degree bending to reach lower calyx. Left and right 120 degree insertion rotation. Photograph and video recording.



### Choledochoscope Flexible Video

Video Chip on Tip technology. Left and right 120 degree insertion rotation. Photograph and video recording. Video signal output ability to medical grade display.



### Ureteronephroscope Flexible Video

Better vision and durability than traditional fiber scopes. Video chip-on tip technology. 275 degree bending to reach lower calyx. Left and right 120 degree insertion rotation. Photograph and video recording.

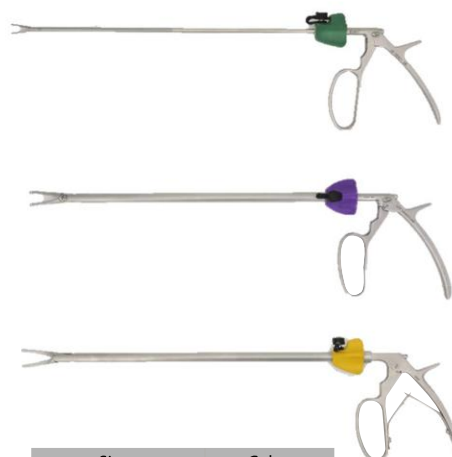


### Rhinolaryngoscope Flexible Video

Portable design for OPD daily using. Wide 120 degree viewing angle. Chip on tip video technology. Integrated LED light source. Less stimulus and more accurate for examination and therapy.

# Endoscopy

**Sinolinks**



## Ligating Clips

### Polymer Ligating Clips

Used for human body blood vessels, coelom organization ligation and closing during operation. Safe polymer materials, good biological compatibility. No affecting on X-Ray, CT, MRI.

## Precising Pinch

### Polymer Ligating Clips

Non nod version, enhanced material for applicator. Rounded corners of the applicator's head reduce the risk of broken clips and misalignment.

Size	Color
Φ 5mm x 330mm	Green
Φ 10mm x 330mm	Purple
Φ 10mm x 330mm	Gold

**ELMED**



## Electro Magnetic Shock Wave Lithotripsy

### Lithotripsy System

Advantages : compact, affordable, upgradable, cost effective, transportable, anaesthesia free, efficient and safe, fully computerized, low installation cost, low maintenance cost, out patient treatment, short treatment time. Treats the stones in the kidney, entire ureter, bladder and elsewhere. Energy source : electro magnetic system with focusing acoustic lens. Patient coupling membrane (dry coupling). Can be used with ultrasound.

**ENGINE**  
Medical Equipment Manufacturing



## Ultrasonic Scalpel System

Precision coagulation minimal lateral thermal tissue damage < 3mm. Multi functional grasp, dissect, cut, coagulate with a single instrument. Superior ergonomics, intuitive design integrated clicker while closed tissue.

**ENDO**



## ENDO Shaver System

Full touch LCD screen. Two handpiece ports. Easy to use interface, switch work mode effortlessly. Working efficiency. Blades oscillation speed range 500-3000 RPM, forward / reverse 500-5000 RPM. Burrs speed range 6000-12000 RPM.

## ENDO Shaver System

Single use. Blades and burrs available. Different sizes and shapes. Compatible with handpiece from Dyonics and Livantec.

**EDICAL SWAN ITALIA S.A.S.**



## Electrosurgical Unit

Bipolar in Saline Mode  
Electrosurgical unit Pulsar MB350 provided with all the performance needed for the monopolar / bipolar use in open/laparoscopic surgery. Pulsar also allows the user to memorize up to 33 programs for all surgical needs.



### **Oxy Set** **Nasal Cannula**

Oxy Set is suitable for easy application and efficient administration of oxygen for greater comfort of the patient. Twin prong / nasal tips are designed to ensure equal volume of oxygen to both the air passages.



### **Flexi Mask** **Oxygen Mask**

Flexi Mask is designed for convenient oxygen therapy. Moulded face mask is manufactured from non-toxic, non irritant medical grade PVC. Swivel connector for convenience of attachment to the oxygen tube.



### **Hi Mask** **Non Rebreathing Mask**

High concentration oxygen therapy. Equipped with soft, transparent and odour free mask for greater patient comfort. Light weight reservoir improves the oxygen efficiency and patient comfort.



### **Oxy Lock** **Venturi Mask**

Variable venturi mask system to ensure accurate concentrations of oxygen with single unit. Transparent air entertainment mask with soft anatomical form with easily adjustable elastic strap.



### **Aeromist** **Nebulizer Mask**

Soft, clear aerosol mask with anatomical form is ideal for long term use. Gently rolled, feathered edges with integrated nose bridge for extra comfort. Nebulizer rate 3cc / 10 mins.



### **Resq Bag** **Manual Resuscitators**

Resq Bag kit consists of a Silicone Manual Resuscitator, Multichannel Kink Resistant Oxygen Tubing, Reservoir Bag & Silicone Mask. Silicone Resuscitator provides excellent bag re-expansion property.



### **Suction Catheter** **Endo Bronchial Suction Catheter**

Suitable for removal of secretions from mouth, trachea and bronchial tubes. Manufactured from non-toxic, non irritant medical grade PVC. Distal end is open with one lateral eye.



### **Guedel Airways** **Oropharyngeal Airway (OPA), Mayo**

Guedel Airways are designed to maintain an unobstructed oropharyngeal airway during or following general anaesthesia and in patients who are unconscious for other reasons.



### **Silko Mask** **Manual Resuscitators**

Silko mask for manual resuscitator. Manufactured 100% silicone material. Spare mask. Size : 0, 1, 2, 3, 4, dan 5. Autoclavable mask suitable for repeated use. Individually packed.



**Endotracheal Tubes**  
*Endotracheal Tubes Plain & Cuff*

Manufactured from thermosensitive material readily conforming to body contours at body temperature. Naso oral tip suitable for Nasal / Oral intubation. Kink resistant tube minimizes possibility of tube occlusion.



**Catheter Mount**  
*"T" Connector*

Double swivel elbow connector with suction port & cap provides better flexibility, easy accessibility & provide comfort to patient during suction. Collapsible corrugated tubing is inert to all anaesthetic gases & reagents.



**Epidural Kit**  
*Epidural Anesthesia Kit*

EPIDURAL/TUOHY NEEDLE : Tuohy type needle is provided with clear depth marking for accurate insertion depth reading, polished inner bevel edge minimize the risk of catheter shearing.



**Intra Cath-2**  
*Intra Venous Cannula*

I.V. Cannula with injection port. Injection port with non return valve is provided for additional medication. Port caps are colour coded for instant size identification. Sizes: 14,16,18,20, 22 & 24G.



**Micron**  
*Intra Venous Cannula*

Neonate I.V.Cannula. Main body is specially designed with projection for low point gap to facilitate better maneuvering. Specially designed clips provided for better maneuvering.



**Pedia Drip**  
*Infusion Set with Burette*

Burette chamber is made of bio compatible medical grade trans- parent polymer, suitable for infusion of all types of fluids. Patent design hanger facilitates the hanging of complete device on the I.V. stand.



**Blood Administration Set**  
*Blood Transfusion Set*

Cylindrical drip chamber provided with 200 micron filter to prevent passage of any clot into the chamber. Sharp non-vented spike suitable for blood bags and all type of standard blood containers.



**Vented Infusion Set**  
*Infusion Set*

Sharp piercing spike for easy insertion in I.V. container. Cylindrical collapsible drip chamber to visualise the flow rate. Disc type fluid filter to filter any particulate matters in the I.V. fluid.



**Transflow**  
*Infusion Set Type "Y"*

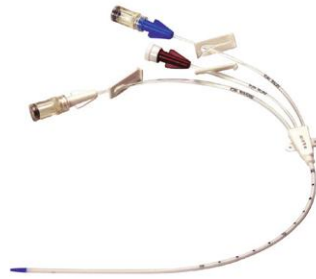
Specially designed vented infusion set with latex free "Y" injection set along with needle-prick protection shield. Unique rotating type luer slip connector. Compatible with all infusion pumps.





### **Exteena** **Needle Free Devices**

Needle free devices / exteena prevent thrombotic occlusion in I.V line and inhibit microbial colonization. Secure fitment to I.V Cannula, I.V Set, Extension Lines, CVC Closed system controls infection or air embolism.



### **Centro** **Central Venous Catheter Kit**

Centro manufactured from specially formulated and biocompatible PU material. Specially designed soft tip catheter to make the insertion easy and non traumatic. Based upon much preferred Seldinger technique.



### **Bi-Valve** **Three Way Stop Cock**

Three way stop cock are suitable for use during pressure infusion & invasive blood pressure monitoring. Manufactured from medical grade, clear transparent polycarbonate. Three arm handle is easy to operate.



### **Vein-O-Line** **Three Way with Tube**

Low pressure large bore extension line. Used primarily to connect the transducer system to the indwelling catheter. Three way stop cock may be used for blood sampling or extra medication.



### **PM-O-Line** **Perfusor Line**

Multipurpose extension line suitable for Angiography, Arterio graphy, C.V.P. measurement etc. Suitable for high pressure monitoring & for connection between syringe infusion pump and patient.



### **Romo Vac Set** **Close Wound Suction Unit**

Redon drain catheters are provided with radio opaque line and satin smooth eyes. Connecting tube is kink resistant & is provided with additional strength to withstand the suction.



### **Yankaur Suction** **Yankaur Suction**

Complete set is provided with Yankaur Suction Tip mounted on two meter long ribbed tube provided with Universal connector at both ends. Ribbed tube is kink resistant and has the strength to withstand the suction.



### **Vaccu Suck Suction Set** **Yankaur Suction**

Moulded Yankaur Suction handle attached with 2.5mtr tube. Vent port is permanently closed with tight fit sleeve, which can be removed with small incision by blade to change over to vent control system.



### **Romo Seal** **Water Seal Drainage System**

Easy to read graduation help to determine the drain volume precisely. Clearly marked initial level ensures the under water seal. Kink resistant large bore tubing facilitates unrestricted flow.



**Chest Drainage Catheter**  
*Drainage Catheter*

Thoracic Drainage Catheters are most suitable for post operative drainage after cardio-thoracic and thoracic surgery. Catheters are marked at every 2 cm from the last Eye to ascertain the depth of placement.



**Thoracic Trocar Catheter**  
*Catheter with Trocar*

Specially designed for quick non operative pleural and chest drainage for the relief of chest conditions such as tensions pneumothorax. Catheter manufactured from medical grade PVC is snugly fitted over the trocar.



**Tracheostomy Tubes**  
*Tracheal Tubes Plain & Cuff*

Tracheostomy tubes plain and cuff type. Made of thermosensitive medical grade PVC which provides sufficient hardness during insertion. Being light in weight and non irritant, it avoids inflammation.



**Urometer 250ml**  
*Urine Bag (Measured Vol Chamber)*

Urometer has been designed for measurement of hourly urine output. 150cm long kink resistant tubing ensures the unrestricted flow of urine. Completely closed circuit eliminates the risk of contamination.



**Urometer 500 ml**  
*Urine Bag (Measured Vol Chamber)*

500ml transparent chamber has four line measuring sections to measure the accurate & precise volume of the urine. Collection chamber is provided with hydrophobic filter to minimize the risk of urinary tract infection.



**Urine Collecting Bag**  
*Urine Bag*

Closed urine drainage system for short and long term use. Manufactured from soft clinical grade PVC sheeting. Reinforced eyelets allow easy hanging and provide maximum protection against tearing.



**Leg Bag**  
*Urine Leg Bag*

Suitable for day and night use for incontinence. Manufactured from soft clinical grade PVC sheeting. Available with "T" type bottom outlet. Non return valve to prevent the backflow of urine.



**Foley Balloon Cath 2 Way**  
*Uro Catheter*

Manufactured from natural rubber coated with silicone to eliminate the risk of encrustation. Hard valve ensures easy inflation and deflation of balloon.



**Male Catheter**  
*Kondom Catheter*

Penile Sheath/External Catheter. Male Cath is specially designed for urine incontinence for day and night use in male patients. Manufactured from 100% latex for soft and gentle feel.



### **Nelaton Catheter** *Urine Drainage Catheter*

Nelaton catheters are used for short term bladder catheterisation. Manufactured from non-toxic, non irritant medical grade P.V.C. compatible with catheter lubricants.



### **Romolene** *Nasogastric Tube (NGT)*

Radio opaque line is provided throughout the length to facilitate the accurate location. Proximal end is provided with dual type universal funnel shape connector & female luer mount with closure cap.



### **Infant Feeding Tube** *Infant Feeding Tube*

Proximal end with female luer mount for easy connection to enteral feeding bag connector or luer mount/luer slip syringe. Low friction tubing and super smooth tip ensures trauma free intubation.



### **Feeding Bag** *Feeding Bag, Gravity Bag*

Specially designed 1.2 Lit. capacity bag for feeding purpose. An ice pouch is provided with the bag for preserving the food for longer period. A transfer set is directly connected to the bag for easy feeding.



### **Respirometer** *Breathing Exerciser*

Innovative system to exercise respiration through inspiration. Three spheres rise proportionately to the inspiration exerted. Innovative design, can be dismatted into parts for cleaning & disinfection.



### **Mucus Extractor** *Infant Mucus Extracting Device*

Mucus extractor used for aspiration of secretion from oropharynx in newly born babies to ensure free respiration. Clear trans- parent container permits immediate visual examination of the aspirate.



### **Klik Clamp** *Clamping Devices, Umbilical Clamp*

Suitable for clamping the umbilical cord of new born baby immediately after the birth. Provided with double purpose security lock click to indicate the correct locking and protect against accidental reopening.



### **Dignity Overnight Pull-Ups** *Adult Diapers*

Clinically proven. Used for bladder control for both men and women. Higher absorbency. Advance leakage protection. Maintain dry feeling and no skin irritation. Ease of usage and comfort fit with no slippage / bulge.



### **Dignity Matthey Underpads** *Underpads*

Disposable underpads which offer superior mattress protection without sacrificing comfort. Premium strength cloth-like polyethylene backsheet prevents fluid leakage and keeps the mattress clean and dry during usage.

# Disposables

## KANG JIAN® ENDO



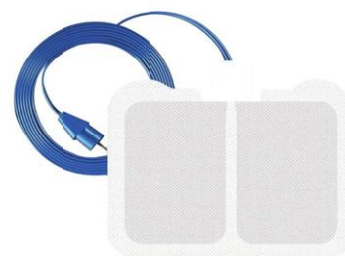
### ENDO - KANG JIAN Vacuum Tubes

Nama Item	Spesifikasi	Volume	Additive	Qty / Box	Qty / Karton
K2.EDTA 3 mL - Glass	Ø 13x75 mm	3 ml	EDTA K2	100	1800
K2.EDTA 2 mL - Glass	Ø 13x75 mm	2 ml	EDTA K2	100	1800
K3EDTA 3 mL - Glass	Ø 13x75 mm	3 ml	EDTA K3	100	1800
K3EDTA 3 mL - Glass, for Soft Needle	Ø 13x75 mm	3 ml	EDTA K3	100	1800
K3EDTA 3 mL - Plastic	Ø 13x75 mm	3 ml	EDTA K3	100	1800
K3EDTA 2 mL - Glass	Ø 13x75 mm	2 ml	EDTA K3	100	1800
K3EDTA 0.5 mL - Glass		0.5 ml	EDTA K3	100	3000
Plain / Serum 3 mL - Glass	Ø 13x75 mm	3 ml	Plain / No Additive	100	1800
Plain / Serum 3 mL - Plastic	Ø 13x75 mm	3 ml	Plain / No Additive	100	1800
Plain / Serum 5 mL - Glass	Ø 13x75 mm	5 ml	Plain / No Additive	100	1800
Plain / Serum 5 mL - Plastic	Ø 13x75 mm	5 ml	Plain / No Additive	100	1800
Plain / Serum 10 mL - Glass	Ø 16x100mm	10 ml	Plain / No Additive	100	1200
Clot Activator 3 mL - Glass	Ø 13x75 mm	3 ml	Clot Activator	100	1800
Clot Activator 3 mL - Plastic	Ø 13x75 mm	3 ml	Clot Activator	100	1800
Clot Activator 5 mL - Glass	Ø 13x75 mm	5 ml	Clot Activator	100	1800
Clot Activator 5 mL - Glass, for Soft Needle	Ø 13x75 mm	5 ml	Clot Activator	100	1800
Clot Activator 5 mL - Plastic	Ø 13x75 mm	5 ml	Clot Activator	100	1800
Sodium Citrate 1.8 mL - Glass	Ø 13x75 mm	1.8 ml	Sodium Citrate	100	1800
Sodium Citrate 2.7 mL - Glass	Ø 13x75 mm	2.7 ml	Sodium Citrate	100	1800
Sodium Fluoride 3 mL - Glass	Ø 13x75 mm	3 ml	Sodium Fluoride	100	1800
Lithium Heparin 4 mL - Glass	Ø 13x75 mm	4 ml	Heparin Sodium	100	1800
Gel Clot Activator 3 mL - Glass	Ø 13x75 mm	3 ml	Gel & Clot Activator	100	1800
Gel Clot Activator 3 mL - Plastic	Ø 13x75 mm	3 ml	Gel & Clot Activator	100	1800
Gel Clot Activator 5 mL - Glass	Ø 13x75 mm	5 ml	Gel & Clot Activator	100	1800



### Monopolar Pencil Electrosurgical Unit : ESU

Electrocauterization is the process of destroying tissue using heat conduction from a metal probe heated by electric current (much like arc welding). The procedure is used to stop bleeding from small vessels (larger vessels being ligated) or for cutting through soft tissue. Electrocautery is used in the treatment of skin cancers via electrodessication.



### Disposable ESU Plate Electrosurgical Unit : ESU

The Bio Protech Proplate is a disposable, single use, neutral electrode, which provides a return path for high frequency electrical current to the electrosurgical generator. No electrosurgical effect, e.g. cutting and removal of tissue or coagulation, is intended at this electrode.



## ENDO



### ENDO ECG Electrode ECG Electrode

ENDO Disposable ECG Electrode, which are used for various ECG test. It uses an Ag/AgCl sensing element and Hydrogel for adhesion. These are components for sensitive monitoring.



### USG Gel 5L and 250ml Ultrasound Gel

Clear ultrasound gel, no fragrance, no color, acoustically correct for the broad range of frequencies used, no formaldehyde, hypoallergenic, non irritating, bacteriostatic.



### Micropipette Tip Accessories

Micropipette is a device used to move liquids in small quantities accurately. Compatible : Eppendorf blue, white and yellows tips.

## WASTON MEDICAL



### Circular Stapler III Surgical Stapler

The special design of the outer ring prevent anastomotic tissue from excessive squeezing. If there's no edema of the tissue, the red pointer in the safety window must be aligned with the center line of the green zone before firing.



### PPH Stapler III Surgical Stapler

This type of three-row PPH stapler comes with exceptional hemostatic effect. Anastomotic wound is dry and has no bleeding after firing. No longer need to manually suture absence of special circumstances.



### Medico ECG Electrode ECG Electrode

High chloride liquid gel electrodes hydrate the skin and produce fast, clear, tracings. Specially formulated solid gel delivers excellent results with no post procedural clean-up.



### Linear Cutter Surgical Stapler

The cutter can be replaced to ensure the sharp cutting. Meanwhile, it can reduce the possibility of implantation metastasis in the tumor resection. The tissue space controlling mechanism is in favor of parallel closing.



### Auto Linear Surgical Stapler

Basic length (+/- 10mm) : 395, 400, 405  
Effective length (+/- 5mm) : 30, 45, 60, 90  
Stapler height : (+/- 0.3 mm) : 3.8, 4.5



SHENFENG ENTERPRISES



### USG Gel 5L and 250 ml Ultrasound Gel

USG Gel better sound transmission, distinctive image display, no toxic & irritant effect, no damage and corrosion to the ultrasound probe. Ultrasound transmission gel, without fragrance or color. For diagnostic and therapeutic.

## Titanium, Mini Fragment *Trauma Implant*



## Titanium, Small Fragment *Trauma Implant*



## Titanium, Large Fragment *Trauma Implant*



## Titanium, Shoulder Fragment *Trauma Implant*



## Interlocking Nail



## KTO Femoral Intramedullary Nail

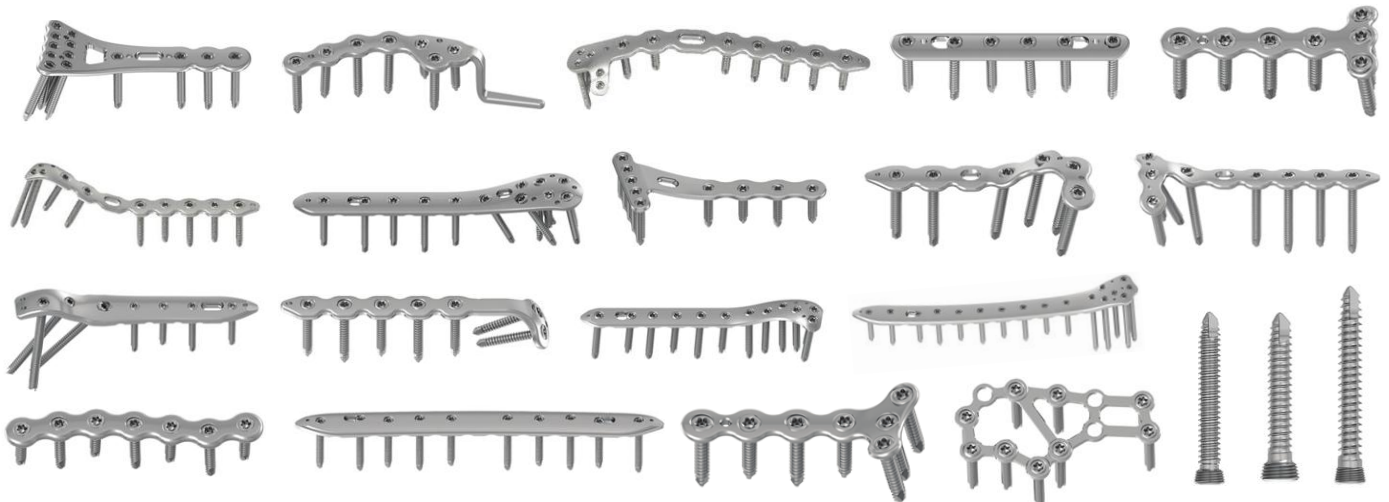
## KTO Tibial Intramedullary Nail



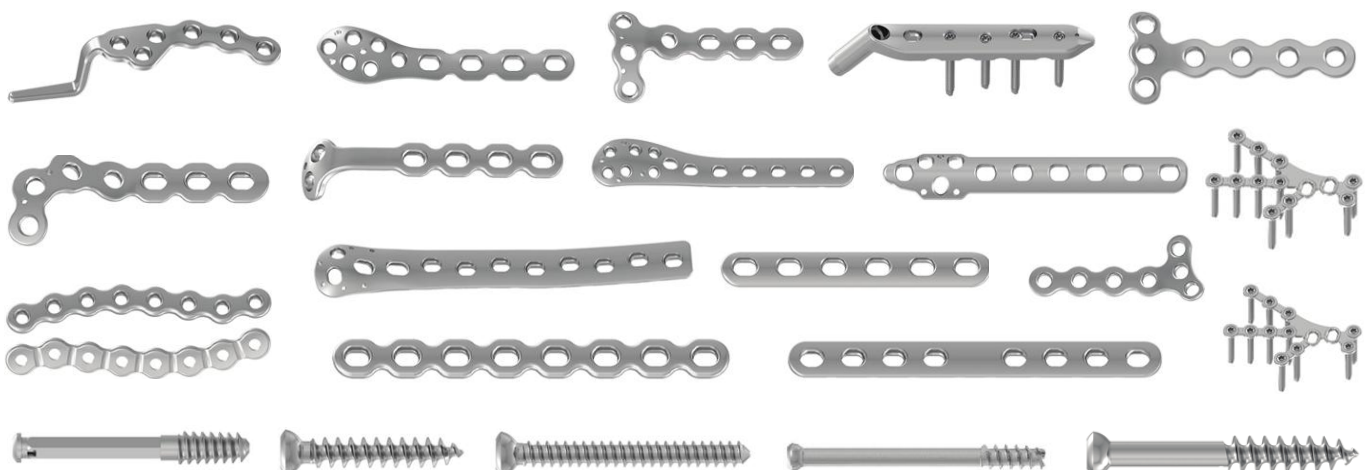
## KTO Humerus Intramedullary Nail

## KTO PFNA Gamma Nail

## Stainless Steel, Locking Fragment Trauma Implant



## Stainless Steel, Non Locking Fragment Trauma Implant





## **Bencox ID Cemented Stem** *Hip System*

Cementless and cemented stem of ID system use same instrumentation. Polished double tapered distal geometry collarless type, normalized proximal stress, enhanced neck shape.



## **Benfix ID Stem** *Hip System*

Proven Ti-Plasma spray porous coating. Wide range of prosthetic ROM (P-ROM). Normalized proximal stress. Extensive stress distribution. Enhanced rotational stability.



## **Arthroplasty** *Revision Knee System*

Maintains Lospa primary knee system's. Stability constrained motion increased AP stability. Modularity, stem extension available augmentation.



## **Bencox Cup System** *Hip System*

Acetabular component is hemisphere shaped, maximizing the peripheral and polar contact at once. Three screw holes are anatomically designed and located for more effective fixation.



## **Bencox Bipolar Cup** *Hip System*

A large array of component allows precise patient matching for optimal patient fit. Outer diameters from 38 to 60mm allow the surgeon to meet the unique challenges posed in a revision and extended situations.



## **Lospa Knee System** *Knee System*

Single axis concept for articular stability with flexion and improving range of motion. Anterior flange shape and dimension for the optimal patella tracking.



## **PEEK Cage** *PLIF, ACIF, TLIF*

The Lospa IS Spinal Fixation System aspire to closely resemble human anatomy while both maximizing surgeon convenience and actively accepting the patient's demand.



## **Monoaxial & Polyaxial** *Pedicle Screw*

Having the low profile minimizes the post surgical projection. Available in standart and guided types to be selected to meet the surgeon's preference.



## **Rod, Set Screw & Rod Link** *Spine*

Rod diameter 6.0 mm, length 40-500mm, set screw : as a specially designed screw thread tightens the set screw. Rod link it is simple assembling and strong stable fixation.





## Spacer for Hip *Preformed Spacer*

The Tecres spacer for hip has a load bearing structure in stainless steel coated with antibiotic bone cement and it resembles a femoral prosthesis.



## Spacer for Knee *Preformed Spacer*

The Tecres spacer for Knee it is made with antibiotic bone cement and it comprises 2 independent articulating element.



## Spacer for Shoulder *Preformed Spacer*

The Tecres spacer for shoulder has a load bearing structure in stainless steel coated with gentamicin bone cement and it resembles a shoulder prosthesis.



## Cemex Genta System *Bone Cement*

Bone cement with gentamicin, ideal in any surgical situation, suitable where fast application times are required.



## Cemex Genta ID Green *Bone Cement*

Cemex genta ID green, radiopaque, double viscosity bone cement with gentamicin, suitable both for manual and syringe application. Package 40 g.



## Gun Cement *Bone Cement*

Gun Cement (Gun 01) to be used with Cemex System for extrude bone cement.



## Mendec Spine *Bone Cement*

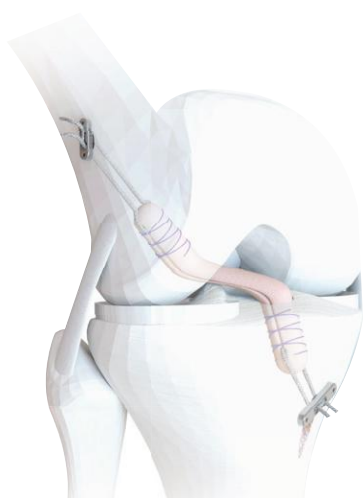
Mendec spine is the user friendly low viscosity spine resin. The preparation process is easy and safe, and does not require an external mixer. Its optimal fluidity and its viscosity allow an easy injection for an extended time.



## Beveled Tip and Diamond Tip *Bone Injection Needles*

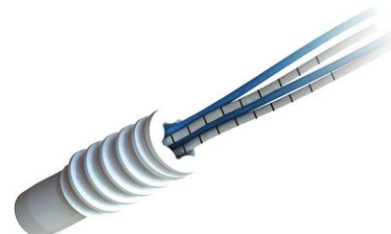
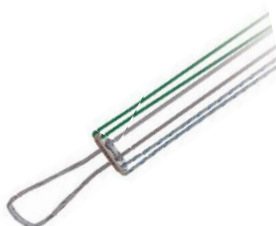
Luer lock connection system, shock resistant metal head, ergonomic handle in radiotransparent plastic or steel, and needle direction marker.

Size :	9 gauge x 150 mm	13 gauge x 120 mm
	11 gauge x 120 mm	15 gauge x 120 mm



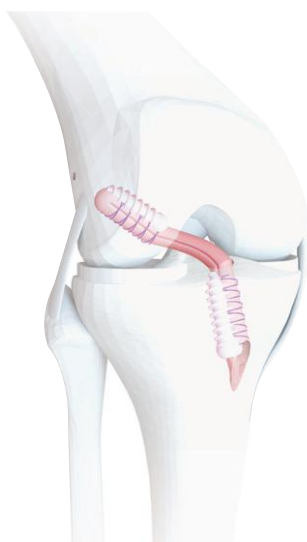
## **Pullup Endobutton** *ACL PCL Reconstruction*

PULLUP endobutton implants are made of titanium alloy and premounted sutures, available in two designs depending on the tunnel diameter. Reproducible, reliable, simple.



## **Pre-loaded Absorbable** *Fixit*

Easy insertion, optimal tension maintained on the suture. Available from size 4.5mm. Absorbable threaded anchor.



## **Ligafix Interference Screw** *ACL PCL Reconstruction*

Bioabsorbable, made of Duosorb material, the implants are absorbed progressively and do not compromise. Osteoconduction, the high level of TCP promotes bone ingrowth.



## **Knotless Absorbable** *Fixit Knotless*

Fixit Knotless reusable screwdriver. Fixation system : easy, quick, reproducible, accomodates up to 4 suture strands.

## **CALEB** INNOVATIVE MEDICAL DEVICE



## **Pulse Lavage** *Single Use Pulse Lavage*

Clean bone bed, improve bone cement interface. High pressure pulse lavage. Effective cleaning for optimal micro interlock. Reduced risk of fat embolism.

## **ENDO**



## **Hip, Arthroplasty** Cemented & Cementless Stem



## **Acetabular Cup**



## **Bipolar** Head



## **Total** Acetabular Cup



## **Cemented Acetabular Cup**



## **Karinca M206-300** **Sagittal Saw System**

High low speed options.  
Steam sterilisable.  
11.000-14.000 cpm / 4 standard 50'  
77 x 158 x 218 mm / 930 g



## **Karinca M206-200** **Hexa-Function Drill System**

Dual Trigger system for speed control and direction control.  
Steam sterilisable  
Drill mode F&R (1200 rpm)  
Drill Oscillation Mode (1200 cpm)  
77 x 137 x 212 mm / 920 g



## **Karinca M206-235** **Reciprocating Saw System**

High low speed options.  
Steam sterilisable.  
11.000-14.000 cpm / 4 mm  
77 x 182 x 212 mm / 960 g



## **Karinca M206-240** **Sternum Saw System**

High low speed options.  
Steam sterilisable.  
11.000-14.000 cpm / 4 mm  
77 x 180 x 212 mm / 1040 g



## **ENDO Surgical Power Tools**

### **Power Tools**

ENDO power tools is the latest innovation in high performance large bone power tools. This modular handpiece provides outstanding torque for drilling and reaming. This new handpiece produces 10% more reaming torque.

### **Power**

Higher torque to provide the surgeon with the necessary torque for demanding procedures.

### **Versatility and reliability**

Roraty attachment for quick and easy connection include : Bone drill (chuck), reamer with all the major connectors present on the market, wire / pin driver. Twin trigger handpiece with forward, reverse amd oscillating modes.

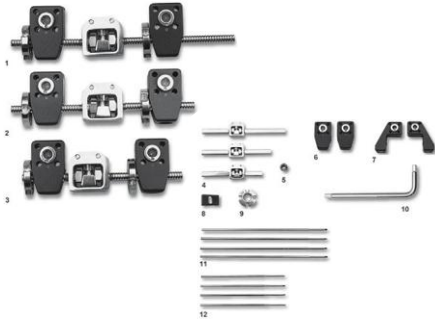
## **ENDO Surgical Power Tools**

### **Power Tools**

ENDO power tools handpieces which provide the surgeon with power for the most demanding acetabular reaming procedures. Dedicated saws include the rotary design that allows a 360°cutting range, which reduces the distance to the surgical site, a critical factor to ease osteotomy procedures.

### **Power and reliability**

High torque single function power tools. This has been achieved through continual engineering refinements.



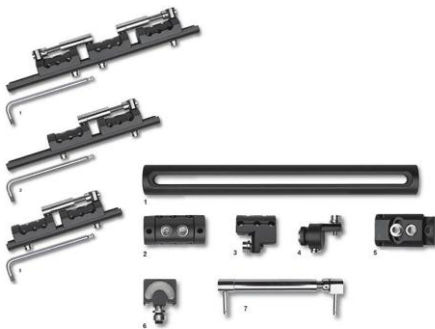
**Mini Fixator**



**Pelvic Fixator**



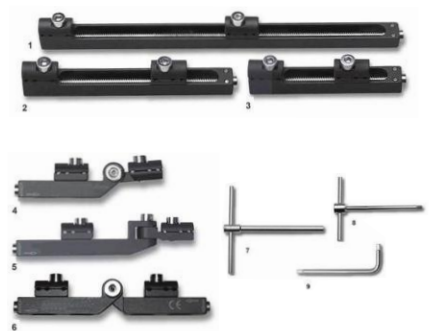
**Paediatric Fixator**



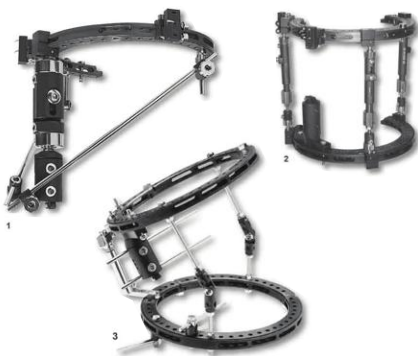
**Paediatric Limb Reconstruction System**



**Elbow Fixator**



**Minirail Fixator**



**Hybrid Fixator System**



**Adult Limb Reconstruction System**



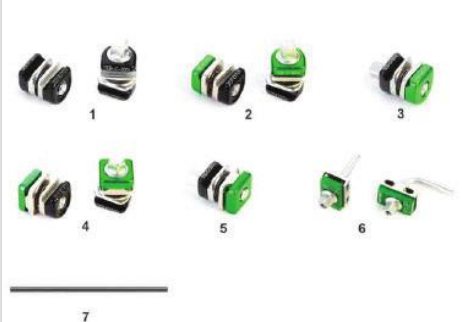
**Wrist Fixator**



**Hoffman Upper Limb System**



**Hoffman Lower Limb System**



**Hoffman Mini System**





## Oasis Elite Closed Head Ring

### Head and Neck Protection

Unique gel and foam combination conforms comfortably to the patient's head, this head ring is suitable for use in many surgical procedures.

Available for adult with dimension 200 x 50 mm



## Oasis Elite Large Prone Positioner

### Head and Neck Protection

The large prone positioner eliminates pressure on the abdomen and facilitates easy ventilation and circulating during long cases in prone position, i.e surgeries to the backs of legs and laminectomy procedure.

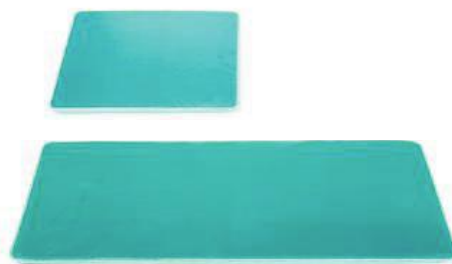
Available for adult with dimension 1115 x 520 x 140mm



## Oasis + Head and Neck Support

### Head and Neck Protection

The oasis + head and neck support is ergonomically designed to support the head and neck. The product has anti slip properties designed for additional safety. Proving popular in ENT for septoplasty, some cases of laryngoscopes and thyroidectomy. Available for adult with dimension 264 x 220 x 64mm



## Oasis Elite Table Pads

### Table Pad Protection

The oasis elite table pads can be used to protect the body in all surgical positions. The ultra light weight pad consist of a foam base and a gel top, allowing for easy carrying and manipulation by OR staff.

Universal table pad dimension 520 x 520 x 30mm

3/4 length table pad dimension 1150 x 520 x 20mm



## Oasis Elite Prone Head Rest

### Head and Neck Protection

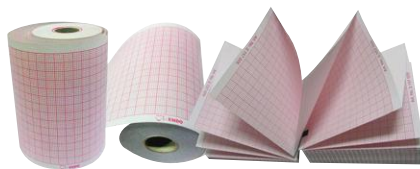
Developed in conjunction with the operating staff at a leading hospital, the Oasis Elite Prone Head Rest is anatomically designed so that the patient's head can comfortably rest face down with respiratory tubes in place. The unique design provides excellent support, stability, comfort and protection during surgery in the prone position, with openings on both sides. The product is lightweight, durable and easy to handle.

Available for adult with dimension 280 x 240 x 140mm



## ENDO Medical Recording Chart Paper

- ECG/EKG Paper
- Treadmill Paper
- CTG/NST Paper
- Defibrillator Paper
- Chemistry Analyzer Paper
- Audiometer Paper
- Patient Monitor Paper
- Spirometer Paper
- Hematology Analyzer Paper
- Auto Refractometer Paper



ECG Paper

## ENDO Medical Recording Chart Paper

- Dark and vivid print out
- Medical Grade Material
- Accurate precision
- Consistent quality and supply reliability, for more than 100 Paper types for use on most major machine brands.



Treadmill Paper



CTG / NST Paper



Thermal Paper



## USG Video Printer Paper

- Compatible USG Paper for Sony UPP-110HG
- Long Lasting Image Durability for High Storage Stability
- Precise, High Resolution Image Reproduction
- Trouble-free Printing & Long-Term Use of Printer



## 3 Layers of Protection

Inner Layer :  
Soft absorbent non-woven layer

Middle Layer :  
Meltblown filters

Outer Layer :  
Hydrophobic non-woven layer

## ENDO Medical Face Mask



### Comfortable Earloop

Innovative earloop made of fabric that is soft and wider in size provides comfort on the skin and reduce pressure to the ears for long-time use.



### 3 Layers of Protection

The 3-ply thicker layers will give a stronger filtering effect, but also breathable, soft, and gentle to the skin at the same time.



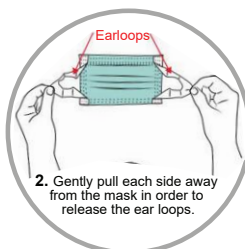
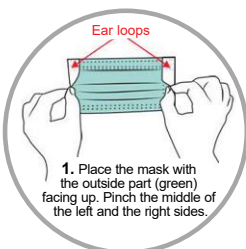
### The Wider Coverage

It can fully cover mouth, nose, and chin.



### Adjustable Nose Wire

Secure fit to shape easily the contoured over the nose for a better protection.



<https://endo.id>

**ENDO**

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