



QUALITY
MOBILITY
FOR BETTER
PATIENT CARE

PRECISION INSTRUMENTS
FOR A HEALTHIER TOMORROW

TROLLEY AND CARTS CATALOGUE

PRACTICAL SOLUTIONS
FOR MODERN HEALTHCARE



DURABLE
CONSTRUCTION



FUNCTIONAL
DESIGN



VERSATILE
APPLICATIONS



TRUSTED
WORLDWIDE



MOBILITY
EFFICIENCY
SAFETY
EVERYWHERE

SUPPORTING
HEALTHCARE
PROFESSIONALS
WORLDWIDE



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WEBSITE

QUALITY | PRECISION | TRUST | A HEALTHIER TOMORROW

PRIME SURGICAL INTERNATIONAL is a global manufacturer and exporter of high-precision surgical instruments with more than 35 years of experience.

We specialize in producing premium-grade instruments for General Surgery, Orthopedics, Cardiac, Neuro, Spine, Plastic Surgery, ENT, Dental, Gynae, and Micro-Titanium applications. Our instruments are manufactured using German-grade stainless steel, advanced CNC engineering & strict micrometer level quality control. We supply hospitals, surgical centers, distributors, and OEM private-label brands in more than 45 countries worldwide.

GLOBAL STRUCTURE

1. Head Office – Singapore
 - Global corporate operations
 - ASEAN region distribution
 - Hospital vendor registration (SingHealth, NUHS, NHG, Parkway, Raffles)
 - OEM and private label partnerships
 - Import/export documentation and logistics
 - International client coordination
2. Manufacturing Unit – Sialkot, Pakistan
 - Micro & titanium instrument manufacturing
 - CNC machining, milling, grinding, forging
 - Laser marking, polishing, finishing
 - Passivation and electro-polishing
 - Packaging, sterilization, and global export dispatch

DETAILED PRODUCT RANGE

- General Surgical Instruments
- Orthopedic & Spine Instrument Sets
- Cardiac & Vascular Micro Instruments
- Titanium Micro & Microsurgical Instruments
- Microvascular & Neurosurgical Instruments
- ENT, Eye, Plastic Surgery & Gynae Instruments
- Dental & Maxillofacial Instruments
- Veterinary and Laparoscopic Surgery Instruments
- Orthopedic Implants & External Fixators
- Medical Power Tools (Drills, Saws, Attachments)
- Custom and OEM surgeon-requested instruments

CERTIFICATIONS & QUALITY ASSURANCE

- ISO 9001:2015 Certified
- ISO 13485:2016 Compliant
- CE Certified Instruments
- GMP-Compliant Manufacturing
- German stainless steel material
- Micrometer-level inspection and precision QC
- Award-Winning Manufacturer (2021–2024)

WHY CHOOSE PRIME SURGICAL INTERNATIONAL?

- 35+ years of manufacturing excellence
- OEM and Private Label specialists
- Precision engineering with German-grade steel
- Skilled craftsmanship for micro and titanium instruments
- Wide global distribution network (45+ countries)
- Fast delivery and professional communication
- Complete documentation for international tenders

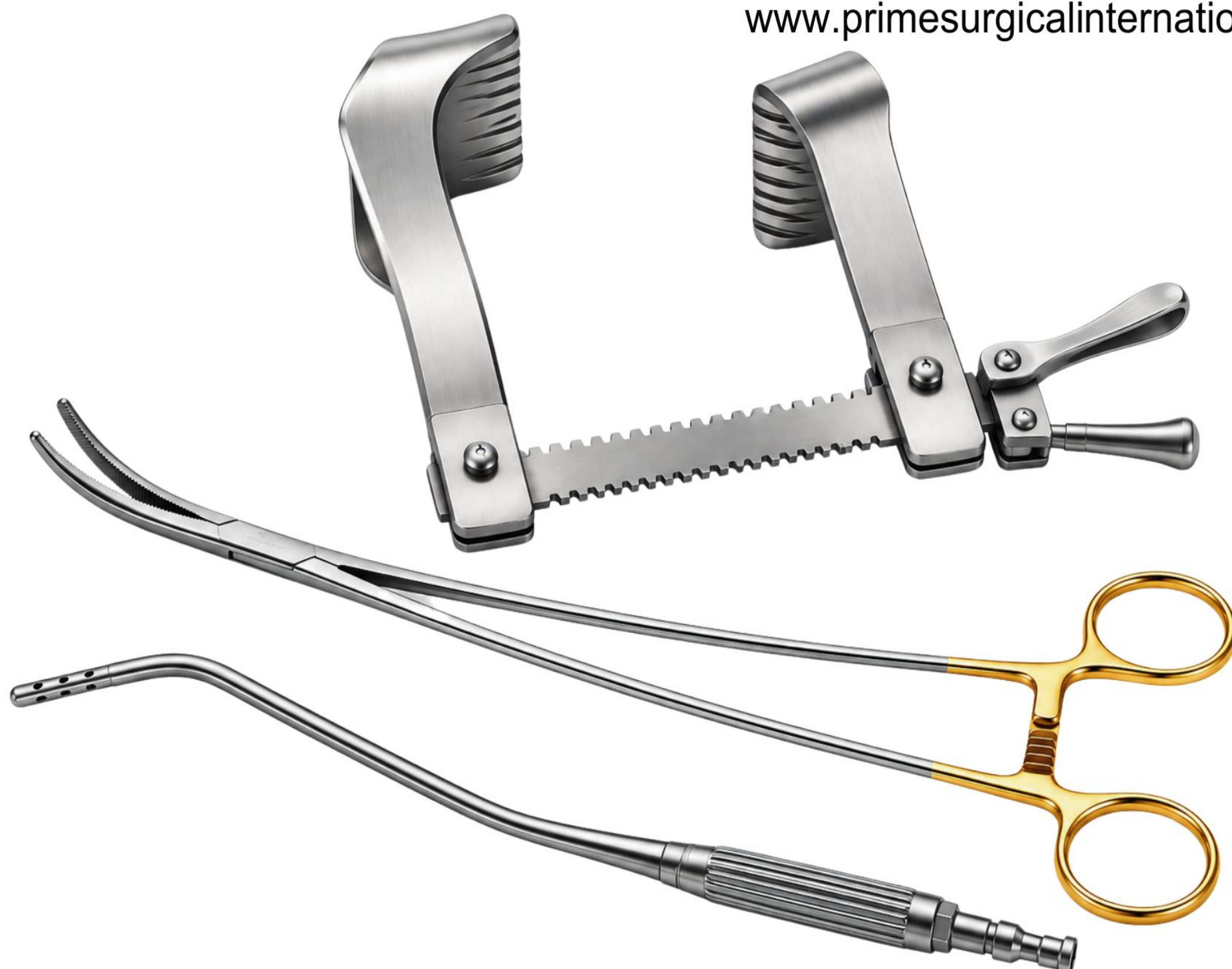
PRIME THORACIC SURGICAL INSTRUMENT'S CATALOGUE



PRIME Surgical International (PSI) is pleased to introduce this new edition instruments catalogue. In this catalogue you will find the entire **PRIME Surgical Instruments** product line covering both reusable and single use medical devices for cataract, vitreoretinal, refractive and general ophthalmic surgery.

PRIME Surgical International is a leading global Re-useable Surgical company that is solely focused on protecting, enhancing, and restoring people's eyesight. Our core businesses include All category's pharmaceuticals, contact lenses and lens care products, and ophthalmic surgical devices and instruments. We globally develop, manufacture and market one of the most comprehensive product portfolios in our industry, which are available in more than 75 countries. Founded in 1949, our company is headquartered in Singapore, and employs more than 4800 people worldwide.

Further information is available at
www.primesurgicalinternational.com



PRIME TROLLY AND CARTS



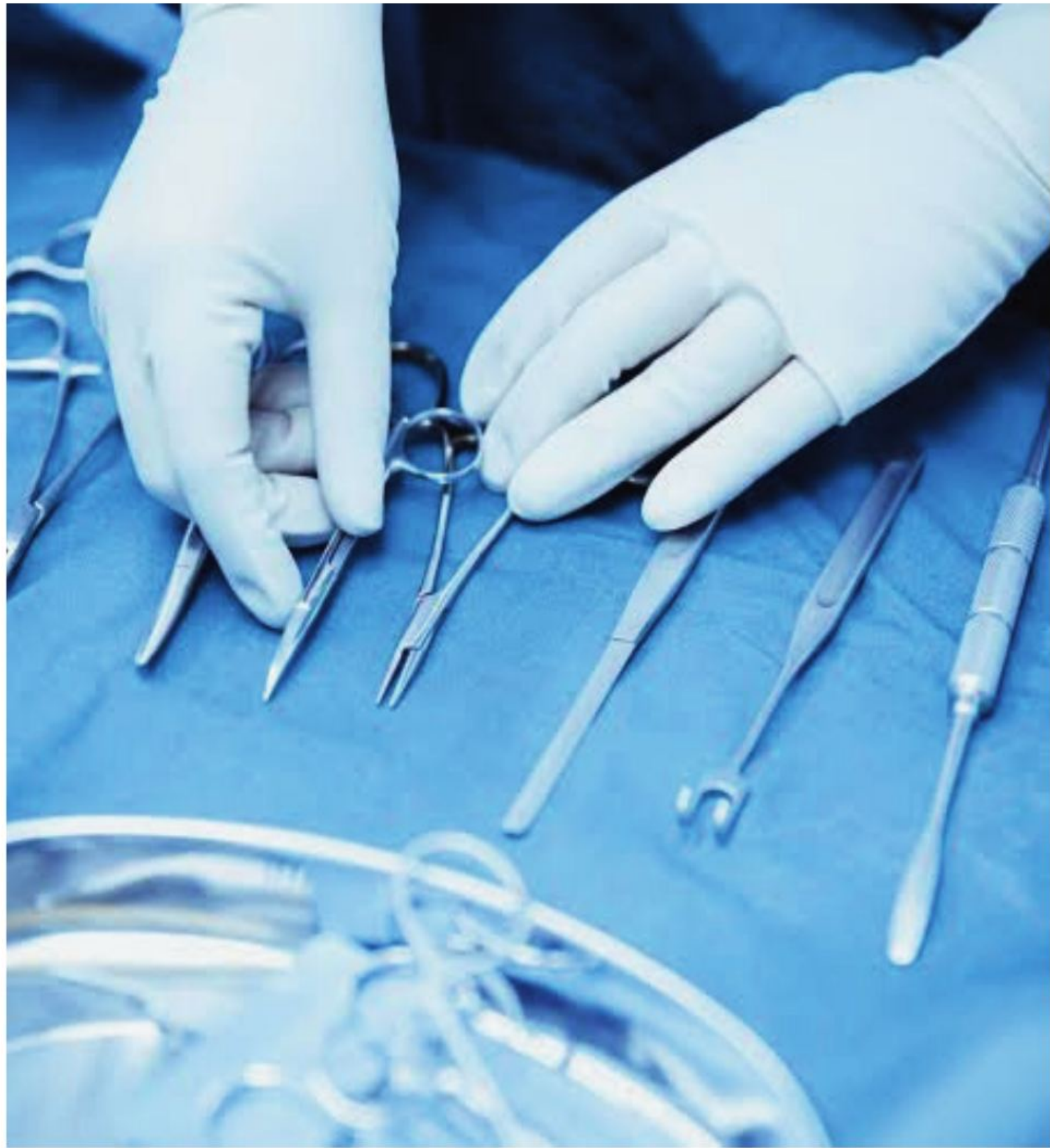
Surgical Instruments

Trusted Quality.
Leading Design.

PRIME Surgical provides surgeons with the tools and technology to perform all the latest techniques for the treatment of cataracts and vitreoretinal conditions.



PRIME TROLLY AND CARTS



For over 100 years, PRIME SURGICAL Instruments have been recognized around the world for industry leading quality and innovation. Each of our surgical instruments are designed, manufactured and tested with surgeons involved throughout the entire process. This ensures the instruments delivered from our Manufacturing Centers of Excellence exceed quality and performance expectations.

The history of **PRIME SURGICAL INTERNATIONAL** began in 1920 when, after four years of training in many countries Mr. Hassan to set up a surgical manufacturing company in his homeland. This soon became the major craft of Sialkot and his fine design and workmanship made his products desired in the finer homes of World.



PRIME SURGICAL was set up in India in 1920 and after separation he shifted his company in Sialkot. In 1997 Mr. Hassan transfer his legacy of surgical excellency to his grandson, Mr. Zia ur Rahman Baig and Mrs Saeeda. And they travelled to Europe and other countries to establish the distribution network for the company and they establish their head quarter in Singapore. Zia ur Rahman Baig also travelled to the French capital, where he studied how to make surgical instruments as per international SOPs. He returned to Sialkot and developed the production lines as per GMP and ISO standards.

Mr. Zia ur Rahman Baig learned the art of surgical instrument-making from his grand father and his father and added to this his experience in the design and manufacture of instruments at England. He emigrated to the United States in 1893 and was actively designing and supervising surgical instrument manufacture until his retirement in 1960, a year before his death in his ninetieth year.

PRIME SURGICAL International to offer a wide range of surgical products, including a full range of microsurgical instruments for ophthalmology, offering surgeons support in achieving the best surgical outcomes using their preferred techniques.

PRIME SURGICAL International SURGICAL Instruments produces the finest instruments to satisfy the individual needs of surgeons by providing trusted quality and leading design at their fingertips.

Trusted Quality

PRIME Surgical continues its rich heritage of instrument making by designing and manufacturing the finest microsurgical instruments in the world. Its manufacturing facilities in Germany, England, USA and Pakistan offer not only the most skilled and experienced craftsmen, but also employ the latest technological advancements known in the industry.

A key to the success of PRIME Surgical International has been its ability to maintain hand-crafted excellence, while adapting to an ever-changing surgical environment with the latest instrument designs. The integration of laser technology has helped in the manufacturing process by ensuring consistency in the quality of the instruments produced.

PRIME Surgical International maintains a strong Quality culture across the company. All products and facilities are certified according to ISO 13485 and ISO 9001, CE and GMP as well as according to the European Medical Devices Directive 93/42/EEC, Annex II to ensure compliance with CE marking requirements.



Made in Germany



Made in England



Made in USA



Made in Pakistan



Made in Singapore

Leading Design

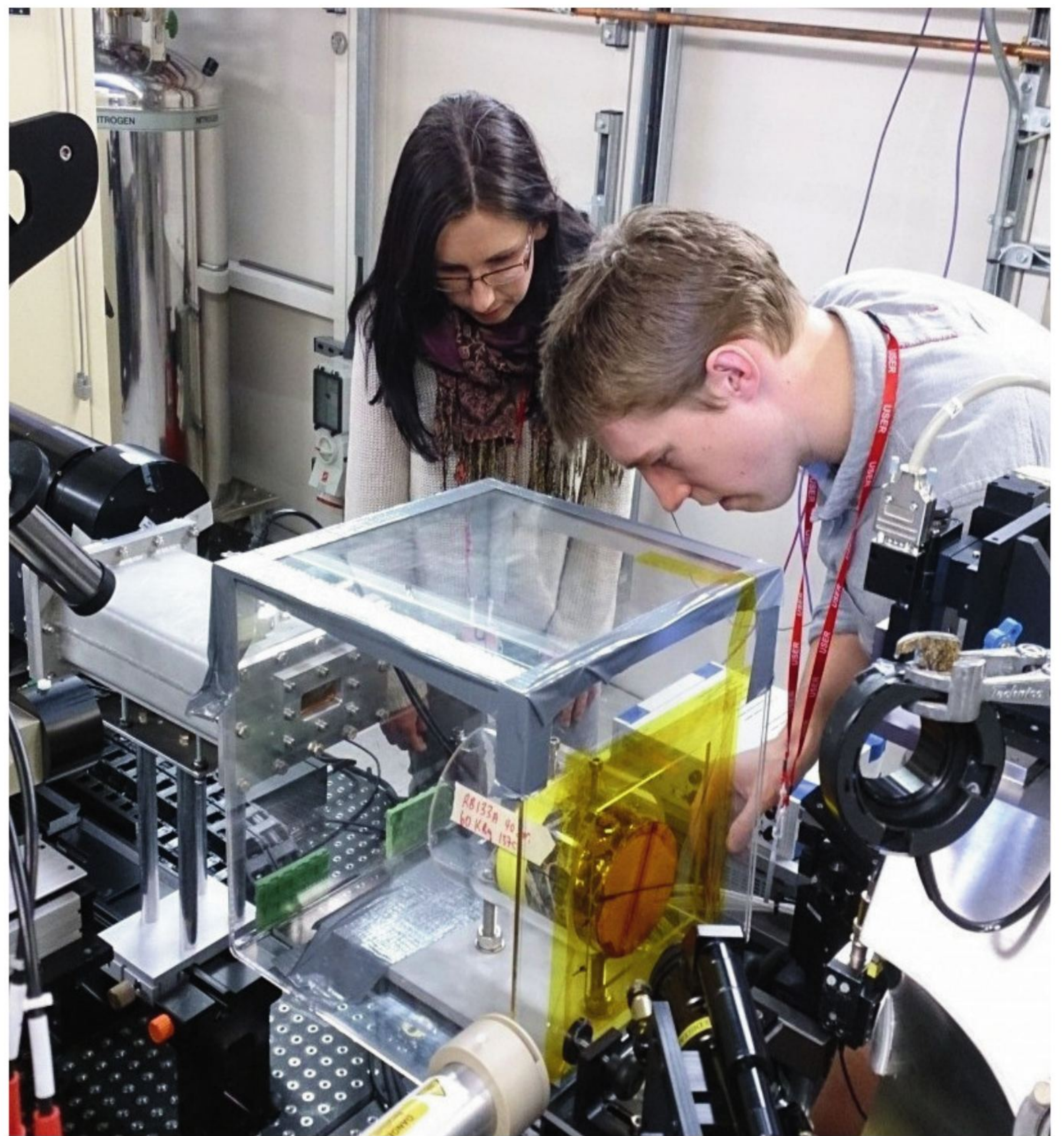
We know the best ideas come from those with firsthand experience using our instruments. That is why we work with surgeons around the globe on creating new instruments that meet the challenges of modern surgical techniques with the goal to provide the finest patient care possible.

PRIME TROLLY AND CARTS



All surgical instruments eventually require maintenance and repair. PRIME Surgical International is perfectly suited to recondition your instruments. The PRIME Surgical International maintenance of value service guarantees to return your instrument to “like new” condition and preserve your investment, ensuring long-lasting service at a fraction of the cost of replacement. Instrument repairs are performed by master craftsmen with the highest skill level.

**Maintenance
of Value Service in USA, Germany,
England, Singapore and Pakistan**



Instruments are repaired and refurbished in a very short time, usually 7 to 10 working days.

For the most up-to date overview of available instruments, visit our online catalogue:

www.primesurgicalinternational.com

For information or Customer Service please contact your local PRIME Surgical representative or distributor.



PRIME SURGICAL INTERNATIONAL®

PRIME SURGICAL ... THE INSTRUMENT PEOPLE

PRIME SURGICAL IS INSTRUMENTS...

For more than 30 years **PRIME SURGICAL** has provided its customers quality, innovation and integrity in surgical instrumentation. With corporate headquarters in **Singapore**, **PRIME SURGICAL** has been able to offer its customers the combination of American and German excellence.

PRIME SURGICAL IS COMMITMENT...

We are committed to delivering high quality surgical instruments in today's intense health care cost environment. In addition, **PRIME SURGICAL** is committed to identifying new and innovative technology. **PRIME SURGICAL** is committed to education by providing our customers experienced operation room specialists to support the training and development needs of the operating room and central service departments. **PRIME SURGICAL** has a steadfast commitment to the satisfaction of each of our customers' needs.

PRIME SURGICAL IS SERVICE...

The Hawthorne, New York distribution center maintains the industry's most comprehensive inventory to guarantee our 99% fill rate. **PRIME SURGICAL** service starts with our Regional Managers and Specialty Medical Device Dealers who provide technical and clinical support for both the operating room and the central service departments. The **PRIME SURGICAL** Custom Inventory Management Services (CIMS) program provides our customers value-added services for the day-to-day successful management of all instrument needs.

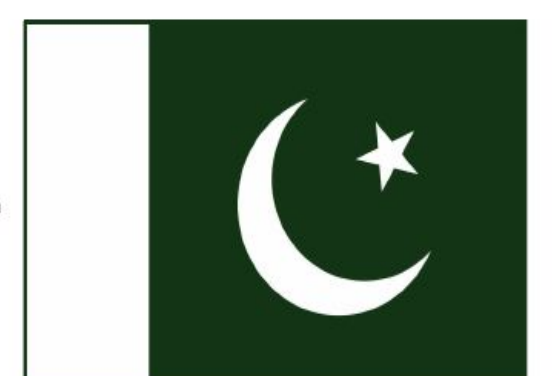
PRIME SURGICAL IS QUALITY...

All instruments are manufactured from the highest-grade surgical stainless steel, which is ground, polished and sharpened to perfection. All **PRIME SURGICAL** instruments are 100% inspected for smoothness, ergonomics and the “feel” that surgeons demand of a surgical instrument.



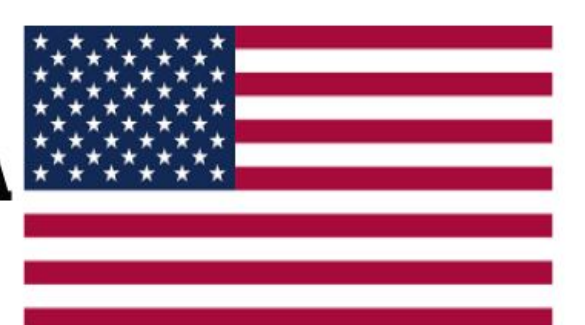
MADE IN SINGAPORE

MADE IN PAKISTAN



MADE IN ENGLAND

MADE IN USA



MADE IN GERMANY



PRIME SURGICAL INTERNATIONAL®

PRIME SURGICAL ... THE INSTRUMENT PEOPLE

PRIME SURGICAL IS INNOVATION...

The product development team has introduced new and innovative instruments in collaboration with leading surgeons around the world. This development effort has resulted in making **PRIME SURGICAL** a leader in laparoscopic surgical instruments and general instrumentation.

PRIME SURGICAL IS VALUE...

Our customer is the most valuable asset to **PRIME SURGICAL**. We value your trust in **PRIME SURGICAL**, and we understand the investment a hospital makes when purchasing instruments. We are committed to meet both the clinical and financial needs of the hospital, recognizing the cost containment pressures our customers face today.

PRIME SURGICAL GUARANTEE / WARRANTY

All **PRIME SURGICAL** Instruments are unconditionally guaranteed against defects in material and workmanship. **PRIME SURGICAL** will, at its option and without charge, either repair or replace any instrument which **PRIME SURGICAL** determines to be defective in material or workmanship when used for its intended surgical purpose.

All instruments sold by **PRIME SURGICAL** are warranted only to the original purchaser and only against defects in workmanship or materials which under the intended use render such instruments inoperable.

All **PRIME SURGICAL CARB-BITE** and **PRIME SURGICAL CARB-EDGE** instruments are further warranted for a period of three (3) years under normal use. Should any adjustment become necessary during this warranty period, CARB-EDGE Scissors will be resharpened, and CARB-BITE Needle Holder jaws inserts will be replaced, without charge.

The autoclavable feature of the **Autoclavable Laparoscope** is covered under a special one (1) year limited warranty.

X



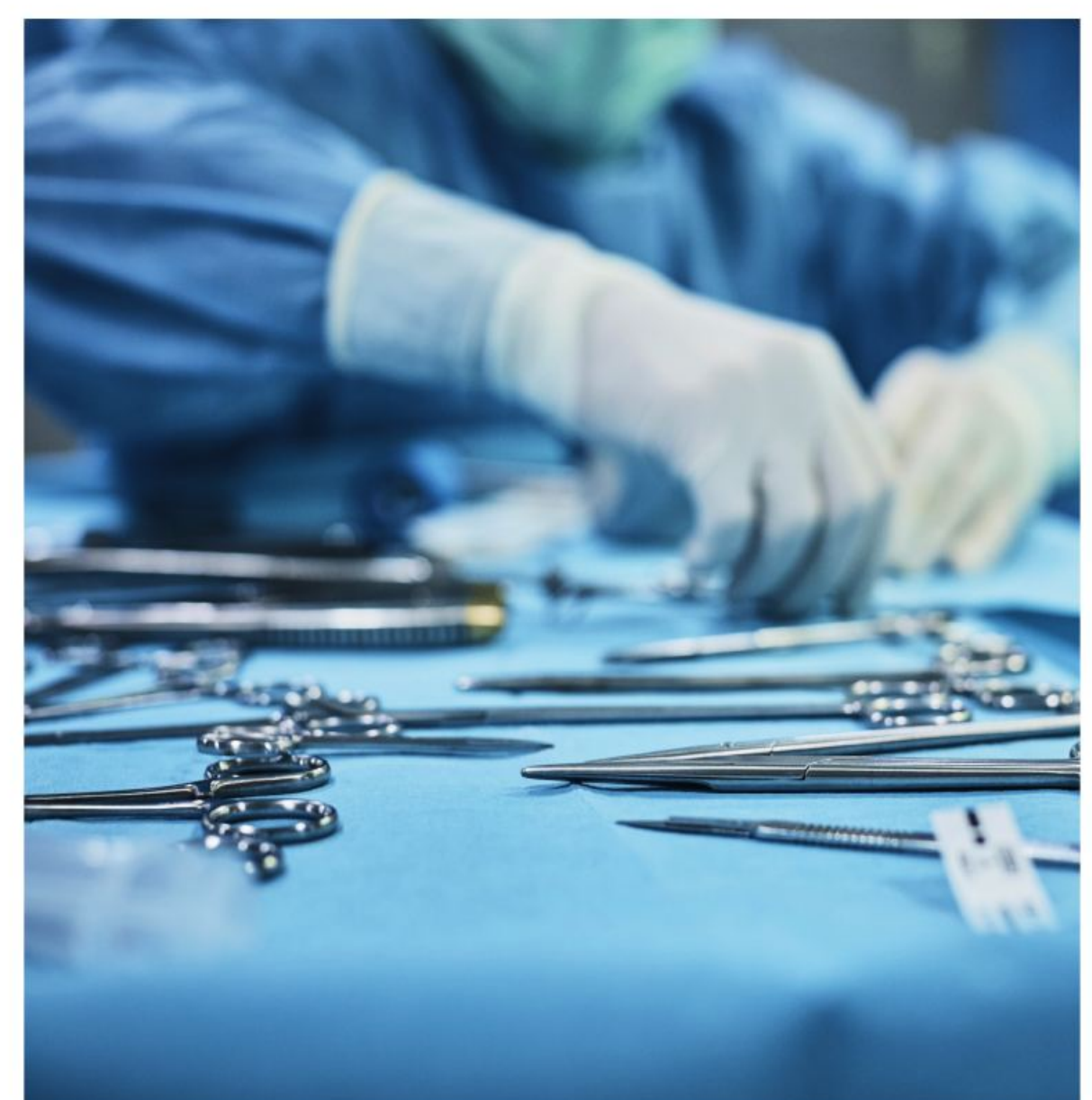
PRIME SURGICAL ... THE INSTRUMENT PEOPLE

This Guarantee / Warranty shall be void in the event any **PRIME SURGICAL** instrument is used for purposes other than its originally intended, is not maintained or cleaned properly, is damaged as a result of misuse or accident, or is repaired or altered by unauthorized persons.

The above is a limited warranty, and it is the only warranty made by **PRIME SURGICAL**. **PRIME SURGICAL** makes no other warranty, express or implied, including any warranty of merchantability and fitness for a particular purpose, as well as any express or implied warranty to patients. **PRIME SURGICAL** shall have no liability for consequential, exemplary or incidental damages even if it is aware of the possibility of such damages. No warranty or guarantee may be created by any act or statement nor may this warranty be modified in any way, except as a result of a writing signed by an officer of **PRIME SURGICAL**. These limitations on the creation or modification of this warranty may not be waived or modified orally or by any conduct. The stated express warranty is in lieu of all liabilities or obligations of **PRIME SURGICAL** arising out of, or in connection with, the delivery, use or performance of any **PRIME SURGICAL** instrument. **PRIME SURGICAL** neither assumes nor authorizes any representative or other person to assume for it any other liability in connection with **PRIME SURGICAL'S** products.

INSTRUMENT CARE AND HANDLING

Every hospital owns many thousands of dollars' worth of surgical instruments. The care and maintenance that these instruments receive is critical to their performance during surgery and to the cost containment efforts of the hospital. With consistent and proper technique during the use, care, and handling of these surgical instruments, the hospital can expect several years of use from its investment in these quality products.





PRIME SURGICAL ... THE INSTRUMENT PEOPLE

MANUFACTURE

Metallurgical research has enabled instrument makers to produce accurate, long-lasting surgical instruments. The steel used in most O.R. instruments is a 400 series alloy which has several useful properties. It can be brought to a very sharp cutting edge and will hold this edge through continuous use. In addition, the high tensile strength enables it to maintain precisely set jaw approximations. The metal is often referred to as stainless because of its corrosion resistance qualities. A chromium content ranging from 11.5% to 18% gives the steel some of its stainless characteristics. During manufacturing, a surface layer of chromium oxide begins to develop on the instrument and provides the instrument with corrosion resistance properties. Through routine hospital use and exposure to the air this oxidation process continues, effectively maintaining and even building up a barrier to most stains and corrosive elements.

INSPECTION OF ALL INSTRUMENTS

All PRIME SURGICAL instruments are carefully inspected before shipment. Because damage may occur during transit, the instrument should be thoroughly inspected upon receipt. All instruments must be inspected prior to use.

Indications for Use:

PRIME SURGICAL instruments are designed to perform a specific function, such as cutting, grasping, clamping, dissecting, probing, retracting, draining, aspirating, suturing or ligating. For use by, or as directed by, a surgeon. Instruments should be used only for the purpose for which they are designed. The proper surgical technique for the use of instruments is the responsibility of the surgeon.





PRIME SURGICAL ... THE INSTRUMENT PEOPLE

Handling and Operating Instruments:

PRIME SURGICAL instruments should be handled and operated by personnel completely familiar with their use, assembly and disassembly. Before a new instrument is used and prior to each surgical procedure the instrument must be decontaminated, lubricated and sterilized as described below.

Handle the instrument with care. The instrument must be inspected to assure proper functioning prior to each use with particular attention paid to the condition of all moving parts, tips, box locks, ratchets and cutting edges. Each instrument with a screw must be inspected before and after use to ensure that the screws do not move when operating the instrument. Screws can loosen and back out of an instrument as a result of normal operation and/or the vibration during ultrasonic cleaning. Failure to make a complete inspection to assure the proper operation and function of the instrument may result in unsatisfactory performance, perhaps because a part is missing. Do not use if the instrument does not appear to be functioning properly. Use of an instrument for a task other than that for which it is intended could result in a damaged or broken instrument, or one which provides an unsatisfactory performance. In order to insure PRIME SURGICAL warranties and guarantees, instruments in need of repair should be sent to PRIME SURGICAL.

Precautions:

After cleaning, especially ultrasonic cleaning, check screws on instruments because the vibration from the ultrasonic cleaning may cause them to loosen or fall out. For electrosurgical instruments, use the least amount of power appropriate for the application. For electrosurgical cables, disconnect from the generator or instrument by grasping the connector only. Do not pull the cable by the cord. Do not use instrument or cable if insulation is not fully intact.

PRIME SURGICAL instruments are supplied non-sterile and must be cleaned, lubricated and sterilized prior to use according to hospital protocol and the procedures outlined in this document. Failure to follow these procedures will invalidate the instrument's warranty and can cause the instrument to fail.

Inappropriate use of instruments will lead to damage that is usually not repairable; for example, a hemostat that is used to clamp tubing can become misaligned and quickly break.



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DECONTAMINATION AND STERILIZATION

PROCEDURES

As with any decontamination procedure, personnel should follow accepted guidelines for hand washing, the use of protective attire, etc. as recommended by A.A.M.I. Standards and Recommended Practice, “Comprehensive Guide to Steam Sterilization and Sterility Assurance in Health Care Facilities”, ANSI/AAMI ST79:2006. Disinfection or sterilization cannot be accomplished without first thoroughly cleaning medical devices/equipment.

I. SURGICAL INSTRUMENT CARE AND HANDLING.

CAUTION:

Always consult the package insert and/or instructions for use that accompany the surgical instrument/device for any specific information that is important to properly process that particular item. A variety of these package inserts/instructions for use are included in the back of this catalog and can be found at:

www.Integra-LS.com/PRIME SURGICAL.

DECONTAMINATION is a two-step process

First step – thorough cleaning and rinsing.

Second step – sterilization or disinfection

A. MANUAL DECONTAMINATION

PRECLEANING:

Remove gross debris from surgical instruments with a lap sponge and sterile water routinely during the procedure to prevent the drying of blood, body fluids, etc. It is important to rinse instruments that have been exposed to blood and saline solution before these substances dry. Blood and body fluids as well as saline solutions are highly corrosive. In addition, blood can produce a stain that is difficult to remove.



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PREPARING THE ENDOSCOPE FOR TRANSPORT TO DECONTAMINATION:

Maintain moisture: Place the endoscope into an instrument tray and cover with a surgical towel moistened with sterile water. Transport tray with the soiled endoscope in an impervious plastic bag or covered container to the decontamination environment (keep the outside of the containment clean).

CLEANING:

To prevent the formation of biofilm, cleaning should occur as soon as possible after instrumentation is used. Biofilm is an accumulation of a biomass of bacteria and extracellular material that tightly adheres itself to the surface of the instruments. It cannot be easily removed, and protects microorganisms from being easily removed by ordinary cleaning/decontamination methods used in hospitals. It is particularly problematic in lumened medical devices.

DO NOT immerse the endoscope in any solution, including sterile water for more than 30 minutes.

Step 1. Pre-Rinse, as necessary with tap water.

Step 2. Enzymatic Soak: Prepare the solution and use per enzyme manufacturer's recommendations, paying special attention to instructions for correct dilution, temperature and soak time. Immerse the rigid endoscope in an enzymatic solution, specific for use with this type of medical device. Flush air from the rigid endoscope with enzymatic solution, while immersed, for full contact with the inner surface during the soak time.

Step 3. Rinse: Remove the endoscope from the enzymatic soak after the time period recommended by the enzymatic manufacturer and copiously rinse with tap water until it runs clear.

Step 4. Clean Endoscopes: Use a small clean soft-bristled brush, to clean the optical portions of the scope while immersed in a neutral pH cleaning solution. Clean the shaft of the scope by wiping with a soft cloth, such as a disposable lap sponge. Clean the distal window, eyepiece window and fiber optic find the light post with a cotton tip, non-plastic applicator or (soft cloth) moistened with 70% isopropyl alcohol. Never use sharp instruments to remove soil.



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Step 5. Rinse: Thoroughly rinse the rigid endoscope by immersing in clean tap water and wiping with a clean, soft cloth. Flush the endoscope until water runs clear. Be certain the distal window, eyepiece window and the light post are rinsed well so that visualization is clear.

Step 6. FINAL RINSE should be with “treated water”.

Softened or deionized water should be used for the final rinse to better remove detergents etc.

- Softening water removes calcium and magnesium ions that cause water to be hard. Iron ions may also be removed.

- Deionization removes ionized salts and particles from the water. Excessively hard water can spot or stain endoscope and excessive chlorine in water can cause pitting.

- **Deionized water is preferred for the final rinse.**

Step 7. Visual Inspection: Visually inspect the endoscope for cleanliness. Inspect the lens for visual clarity. Check the image quality by holding the scope up to the light. Look through the lens to see if it is clear, and for any distortions, defects, residue or fingerprints. Inspect the entire scope for rough surfaces, sharp edges or other signs of damage that require repair before use.





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DECONTAMINATION AND STERILIZATION

PROCEDURES

Step 8. Dry: Endoscopes must be thoroughly dried with a soft cloth before sterilization or storage. Remaining moisture may result in corrosion. Gentle medical grade compressed air may be used to dry the lumen.

B. MECHANICAL DECONTAMINATION

Only use mechanical washing/decontamination equipment programs, and solutions that are designed and recommend by the washer manufacturer as safe and effective for processing rigid endoscopes. The risk of damage to the endoscope with mechanical cleaning methods can be much higher than cleaning the instruments by hand. Only thermal-neutral processes should be used, and they must process in a neutral pH environment (e.g. enzymatic cleaning solutions). The temperature should not exceed 93°C (199.4°F). The mechanical washer must be equipped with fixtures that secure the instruments so they are not damaged during the washing cycle.

Instruments with channels or stopcocks need to be attached to the scope irrigation flushing connections provided with the washer equipment. It is important that all inner and outer surfaces of the endoscope be cleaned and rinsed. Any residue on the fiberoptic surfaces can cause damage and reduce light transmission.

C. NON-AUTOCCLAVABLE SCOPE STERILIZATION

Disinfection or sterilization cannot be accomplished without first thoroughly cleaning medical devices/equipment.

- **DO NOT** steam sterilize the non-autoclavable scope.
- **DO NOT** dry heat sterilize the non-autoclavable scope.

PRIME SURGICAL non-autoclavable scopes are ready for Ethylene Oxide (EO) sterilization or high-level disinfection, after following the cleaning method described.



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- **The endoscope must be thoroughly dry before EO sterilization** to avoid the formation of a harmful byproduct (ethylene glycol) that may not be removed by aeration. The pressure should not be removed by aeration. The pressure should not exceed 22 psi and the temperature should not exceed 60°C (140°F). See also, AAMI Standards and Recommended Practices, **“Ethylene Oxide Sterilization in Health Care Facilities”, ANSI/AAMI ST41:1999.**

AAMI standards recommend that the sterilizer manufacturer’s written instructions for minimum cycle parameters should also be followed.

The endoscope must be thoroughly dry before high level disinfection, so not to dilute the disinfecting solution below appropriate “use dilution”. Follow the procedures for using the cold disinfecting solution as recommended by the manufacturer of the product.

DO NOT allow the scope to exceed 30 consecutive minutes in any solution, including sterile water. Extended exposure to liquids can damage the endoscope.

D. AUTOCLAVABLE SCOPE USING STEAM

STERILIZATION:

After following the above cleaning method, PRIME SURGICAL autoclavable scopes are ready for steam sterilization. Independent laboratory testing, conducted according to the F.D.A (21 CFR PART 58) and Good Laboratory Practice Regulations (GLP), has validated steam sterilization as an effective sterilization process for PRIME SURGICAL reusable autoclavable scopes. The pressure should not exceed 30 psi and the temperature should not exceed 134°C (273°F) for a maximum of 20 minutes and 121°C (250°F) for a maximum of 30 minutes.

The unwrapped instruments were validated to be sterile using a 3 minute, 132°C (270°F) gravity cycle and a 4 minute, 132°C (270°F) pre-vacuum cycle.

See also, AAMI Standards and Recommended Practices, “Comprehensive Guide to Steam Sterilization and Sterility Assurance in Health Care Facilities”, ANSI/AAMI ST79:2006. AAMI standards recommend that the sterilizer manufacturer’s written instructions for cycle parameters should also be followed.



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Medical Device manufacturer's exposure times to sterilization temperature may need to be longer than the minimum indicated by the sterilizer manufacturer but must never be shorter.

After sterilization, the scope must be allowed to cool at room temperature. **DO NOT** attempt to accelerate the normal cooling process to prevent damage to the endoscope.

For additional information and in servicing assistance regarding instrument care and handling, contact your local PRIME SURGICAL representative, or call PRIME SURGICAL Technical Service Department at +65 9004 6134.

MAINTENANCE PROCEDURES

Improper, ineffective, and insufficient maintenance can greatly reduce the life of an instrument and will invalidate the instrument's warranty.

We cannot make any statement about how long an instrument will last. Designed and crafted to exacting specifications, instruments will perform for a reasonable number of years when the following steps are observed:

Protect Instruments:

The most effective method of dealing with instrument problems is to prevent them from occurring. The use of "treated water", careful preliminary cleaning, the use of neutralized pH solutions, adherence to manufacturer's instructions, and visual inspection, will help to keep instruments performing accurately and cosmetically free of troublesome stains. It is important to act quickly should a problem arise. Delay will compound the problem and irreparable harm may result.

Certain compounds are highly corrosive to stainless steel and will cause serious damage despite the passivated protective surface. If instruments are inadvertently exposed to any of the following substances, they should be rinsed immediately with copious amounts of water.



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Instruments should never be exposed to:

- Aqua regia
- Ferric chloride
- Hydrochloric acid
- Iodine
- Sulfuric acid

The following substances should be avoided whenever possible:

- Aluminum chloride
 - Barium chloride
 - Bichloride of mercury
 - Calcium chloride
 - Carbolic acid
 - Chlorinated lime
 - Dakin's solution
 - Mercury chloride
 - Potassium permanganate
 - Potassium thiocyanate
 - Saline
 - Sodium hypochlorite
 - Stannous chloride
- Any kind of corrosion will lead to rust on steel. Because rust particles can be transferred from one instrument to another, corroding instruments should be removed from service to prevent the formation of rust on other instruments.
 - Instruments must be sterilized in the open position or disassembled as appropriate. Steam will only sterilize the surface it can directly touch.
 - Every effort should be made to protect sharp cutting edges and fine working tips during all maintenance procedures. Avoid loading retractors and other heavy items on top of delicate and hollow instruments.



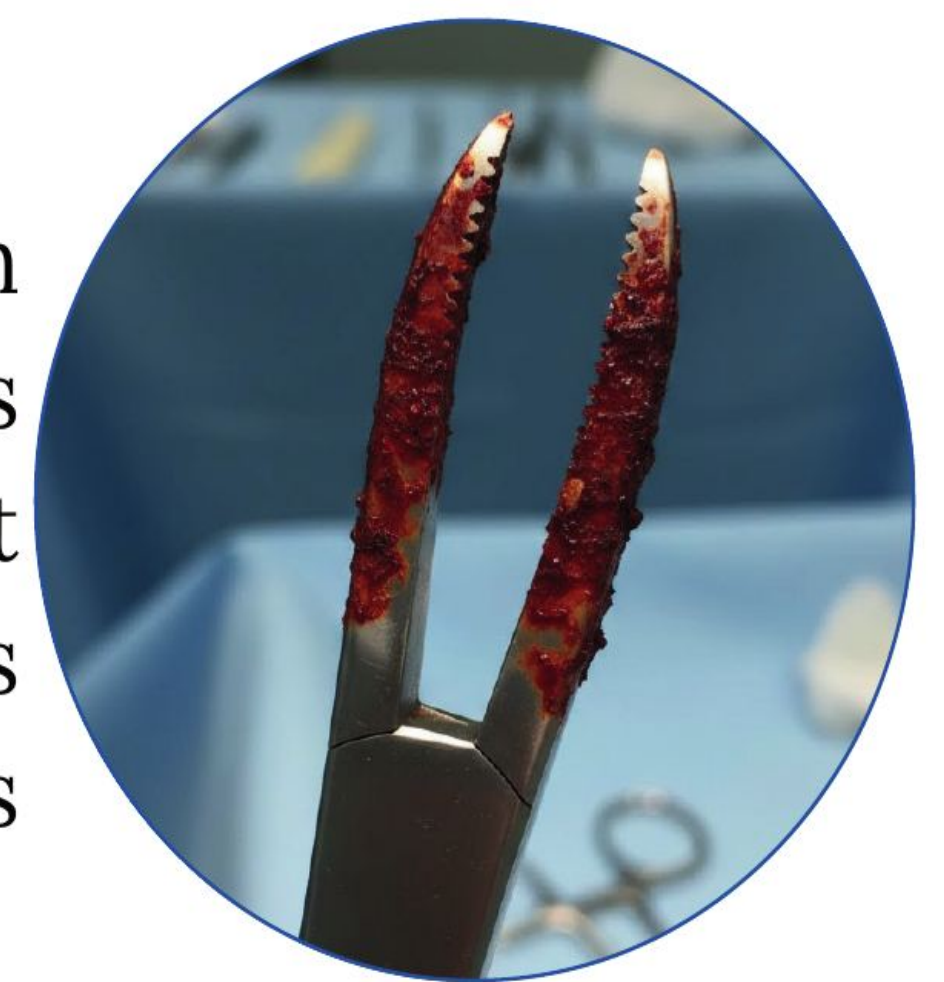
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Diagnosing Spots and Stains:

It is common for instruments to become stained or spotted despite the best efforts of the manufacturers and the hospital staff. In nearly all cases these problems are the result of minerals deposited upon the surfaces of the instruments, as well as insufficient cleaning. Adhering to proper technique during cleaning and sterilizing procedures will prevent most staining occurrences. However, they will sometimes arise very suddenly and will not disappear on their own. The following identifies some of the various instrument-related problems hospitals may encounter:

Brown Stains:

Detergents containing polyphosphates dissolve copper elements in the water. This results in copper being deposited on the instruments by an electrolytic reaction. The hospital may try a different detergent or check the quantities used. Usually, a dull blue or brown stain is simply a build-up of oxidation on the surface. This film is harmless and will actually protect the instrument from serious corrosion.



Blue Stains:

Blue stains are usually the result of cold sterilization techniques. It is important to prepare the solution according to exact proportions and to change the solution when recommended. Serious corrosion may occur if the solution is used beyond the manufacturer's specified time limit. The use of distilled water and a rust inhibitor in the solution will help retard discoloration.



Black Stains:

Black stains may be the result of contact with ammonia. Many cleaning compounds contain ammonia and it will remain on the instruments unless they are well rinsed.





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Light or Dark Spots:

Spots are often the result of condensation pooling and then drying on flat and concave instrument surfaces. The mineral content of the water remains on the instrument. Using “treated water” as the FINAL rinse will help to remove the minerals from preparing instrument sets for sterilization; and on single instruments that have flat and concave surfaces “one edge” will enable the condensation to drain more readily dry, usually without spotting. An additional cause of spotting can be traced to the instrument wrappers. During laundering procedures, it is vital that detergents are thoroughly rinsed out, and that the final rinse is prepared so that the wraps have a pH between 6.8 and 7.0. In addition, healthcare professionals should check the cleanliness of the sterilizer chamber. Steam can lift soil and poorly rinsed chamber cleaning detergents from the chamber walls and deposit them onto instruments and wrappers.



Rust Deposits:

It is very unlikely for surgical grade steel to rust. What appears to be rust is often residual organic matter in box locks or mineral deposits which have been baked onto the surface of the instrument. In localities where the water has a high iron content, for example, an iron deposit will result in a metallic film on the instrument. This may be prevented with the use of “treated water” for the FINAL rinse during cleaning procedures



NOTE: The PRIME SURGICAL guarantee will not be applicable if the instruments are continually exposed to acidic solutions with a pH of 5 or lower; or alkaline solutions with a pH of 9 or higher.

For additional information and in servicing assistance regarding instrument care and handling, contact your local PRIME SURGICAL representative, or call PRIME SURGICAL Technical Service Department at +65 9004 6134



PRIME SURGICAL ... THE INSTRUMENT PEOPLE

RETURNED GOODS POLICY

Products must be returned in unopened packages with manufacturer's seals intact to be accepted for replacement or credit unless returned due to a complaint of product defect. Determination of a product defect will be made by Integra. Products will not be accepted for replacement if they have been in the possession of the customer for more than 90 days.

REPAIRS AND MAINTENANCE

Should your instruments require repair or maintenance, contact Integra for return authorization and address. Instruments returned to Integra for repair must have a statement testifying that each instrument has been thoroughly cleaned and sterilized. Failure to supply evidence of cleaning and disinfection will result in a cleaning charge and delayed processing of your instrument repair.

PRODUCT INFORMATION DISCLOSURE

INTEGRA AND ITS SUBSIDIARIES ("INTEGRA") AND MANUFACTURER EXCLUDE ALL WARRANTIES, EXCEPT INTEGRA'S APPLICABLE STANDARD WARRANTY WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NEITHER INTEGRA NOR MANUFACTURER SHALL BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE, DIRECTLY OR INDIRECTLY ARISING FROM USE OF THIS PRODUCT. NEITHER INTEGRA NOR MANUFACTURER ASSUME NOR AUTHORIZE ANY PERSON TO ASSUME FOR THEM ANY OTHER OR ADDITIONAL LIABILITY OR RESPONSIBILITY IN CONNECTION WITH THESE PRODUCTS.



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Instructions to read the catalogue and some abbreviation:

Abbreviations

SS	Stainless Steel
TC	Textion Carbide
BC	Black Coated
TIT	Titanium

For additional information and in servicing assistance regarding instrument care and handling, contact your local PRIME SURGICAL representative, or call PRIME SURGICAL Technical Service Department at +65 9004 6134



PRIME LAPTOP TROLLEY SERIES

LAPTOP TROLLEY SERIES





PRIME LAPTOP TROLLEY SERIES

PMTc-A0001

Laptop Trolley



PMTc-A0002

Laptop Trolley



PMTc-A0003

Laptop Trolley



PMTc-A0004

Laptop Trolley





PRIME COMPUTER TROLLEY SERIES

Computer Trolley Series



PMTC-A0005
Computer Trolley



PMTC-A0006
Computer Trolley



PMTC-A0007
Computer Trolley





PRIME COMPUTER TROLLEY SERIES

PMTC-A0008

Computer Trolley



PMTC-A0009

Computer Trolley



PMTC-A0010

Computer Trolley



PMTC-A0011

Computer Trolley



PMTC-A0012

Computer Trolley



PMTC-A0013

Computer Trolley



PMTC-A0014

Computer Trolley





PRIME WARD ROUND TROLLEY SERIES





PRIME WARD ROUND TROLLEY SERIES

PMTC-A0015
Ward Round Trolley



PMTC-A0016
Ward Round Trolley



PMTC-A0017
Ward Round Trolley



PMTC-A0018
Ward Round Trolley



PMTC-A0019
Ward Round Trolley



PRIME ULTRASONIC TROLLEY SERIES

Ultrasonic Trolley Series

**PMTC-A0020****Ultrasonic Trolley****PMTC-A0021****Ultrasonic Trolley****PMTC-A0022****Ultrasonic Trolley**



PRIME ULTRASONIC TROLLEY SERIES

PMTC-A0023

Ultrasonic Trolley



PMTC-A0024

Ultrasonic Trolley



PMTC-A0025

Ultrasonic Trolley



PMTC-A0026

Ultrasonic Trolley



PMTC-A0027

Ultrasonic Trolley



PMTC-A0028

Ultrasonic Trolley



PMTC-A0029

Ultrasonic Trolley



PMTC-A0030

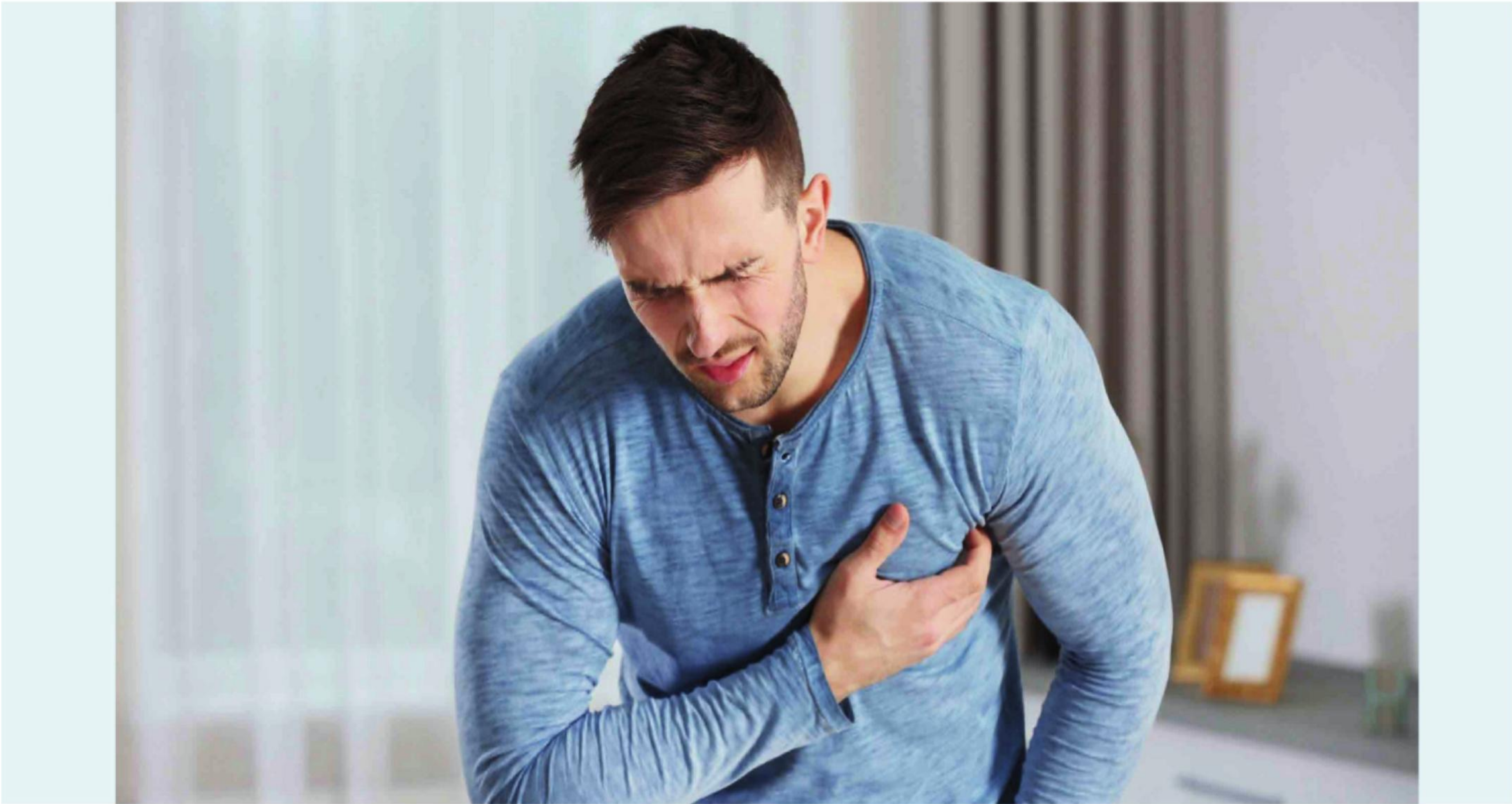
Ultrasonic Trolley





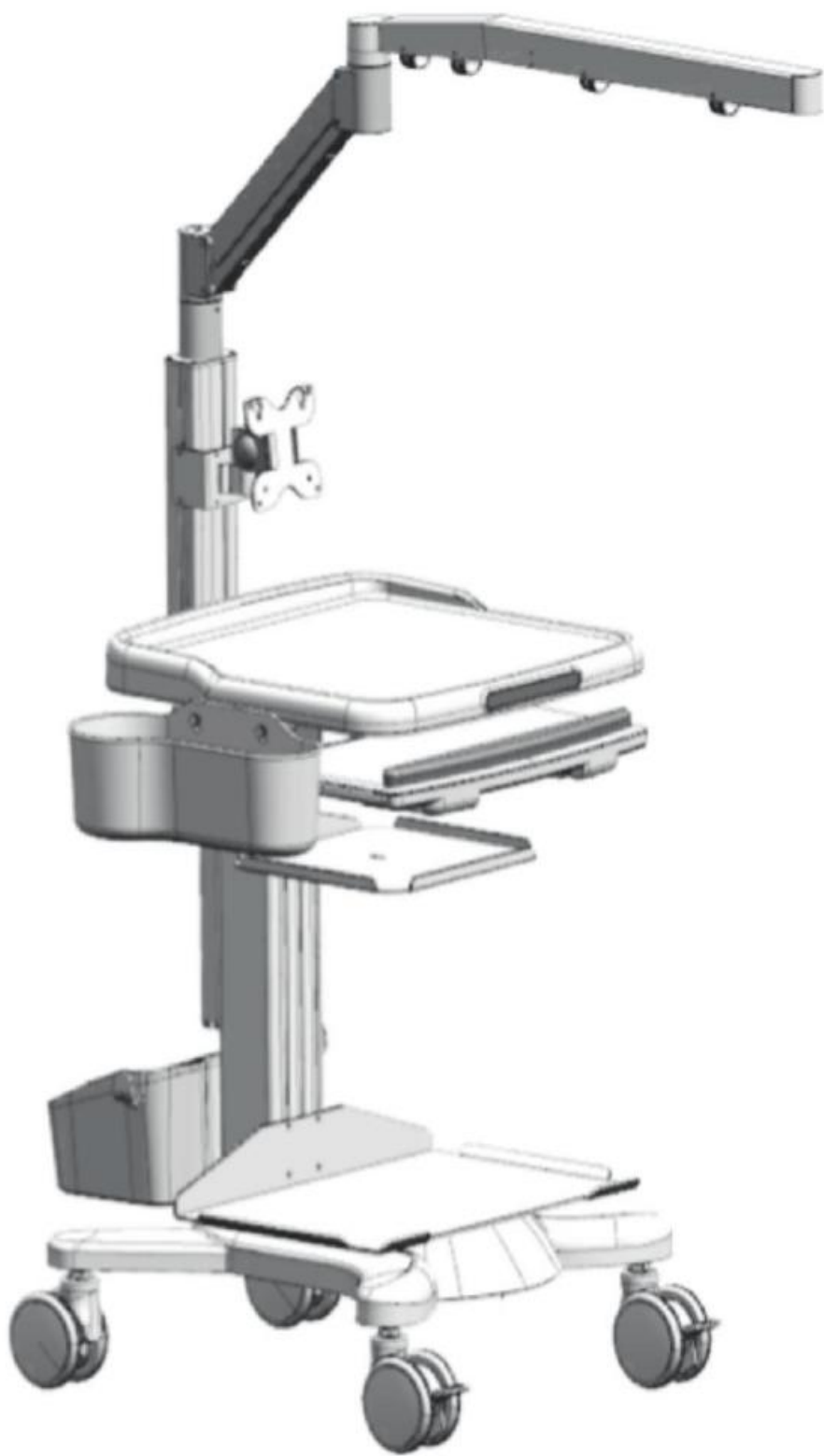
PRIME ARTERIOSCLEROSIS INSTRUMENT
TROLLEY SERIES

Arteriosclerosis Instrument Trolley Series



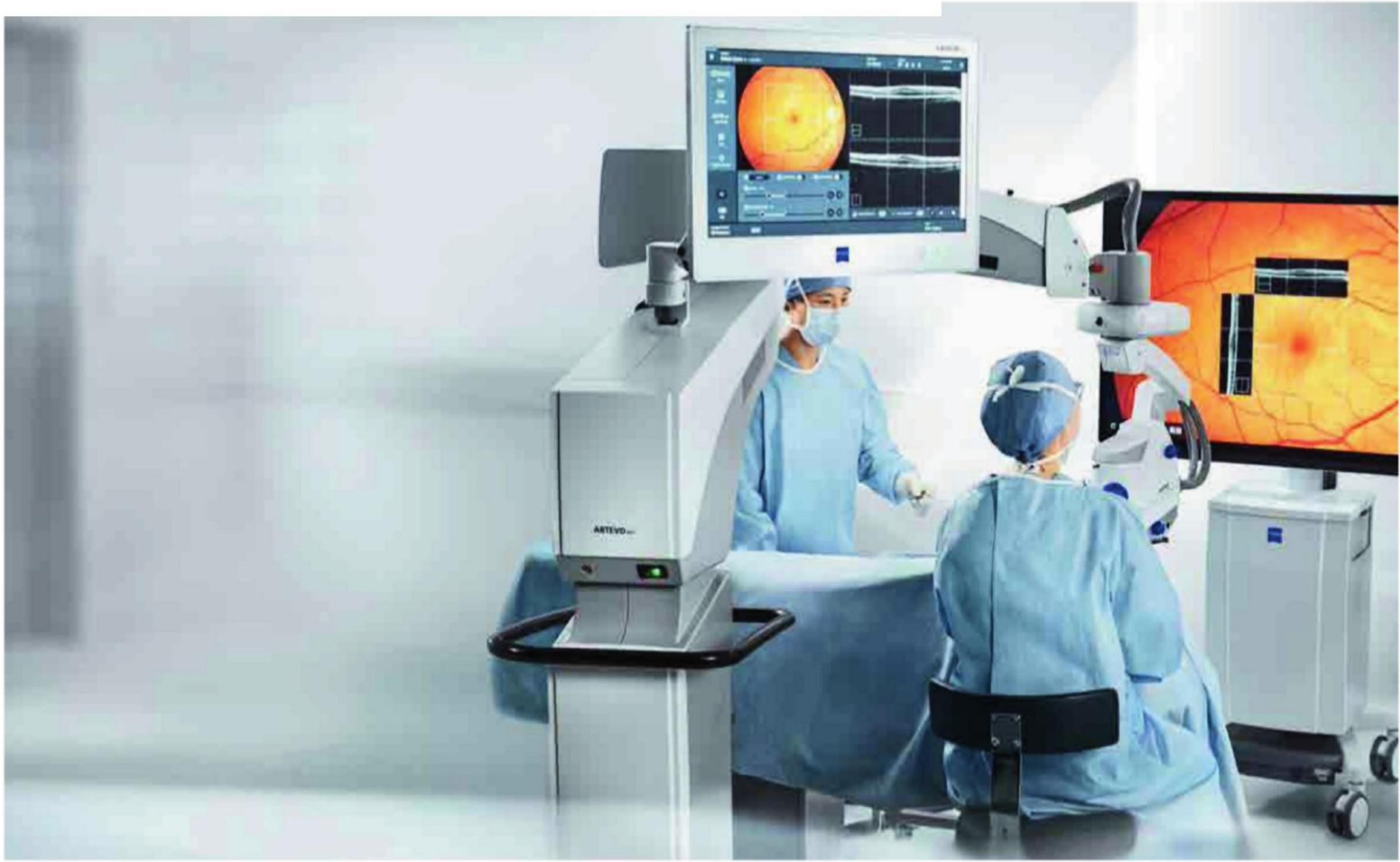
PMTC-A0031

**Arteriosclerosis
Instrument Trolley**





PRIME ENDOSCOPE TROLLEY SERIES



PMTc-A0032

Endoscope Trolley



PMTc-A0033

Endoscope Trolley



PMTc-A0034

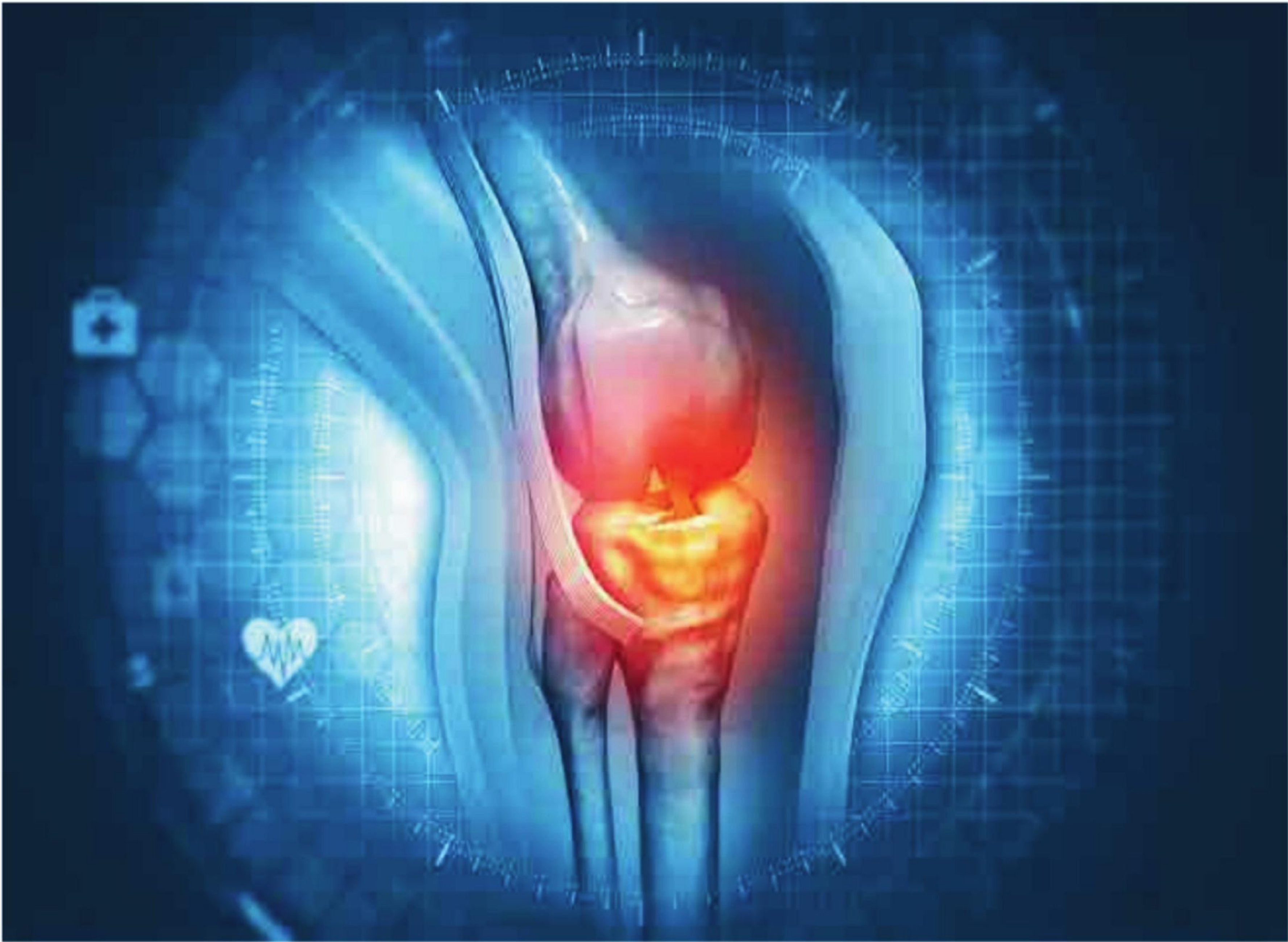
Endoscope Trolley





**PRIME ULTRASONIC BONE
DENSITOMETER TROLLEY SERIES**

ULTRASONIC BONE DENSITOMETER TROLLEY SERIES





PRIME ULTRASONIC BONE
DENSITOMETER TROLLEY SERIES

PMTc-A0035

Ultrasonic Bone Densitometer Trolley



PMTc-A0036

Ultrasonic Bone Densitometer Trolley



PMTc-A0037

Ultrasonic Bone Densitometer Trolley



PMTc-A0038

Ultrasonic Bone Densitometer Trolley



PRIME ECG TROLLEY SERIES

ECG TROLLEY SERIES





PRIME ECG TROLLEY SERIES

PMTC-A0039

ECG Trolley



PMTC-A0040

ECG Trolley



PMTC-A0041

ECG Trolley



PMTC-A0042

ECG Trolley



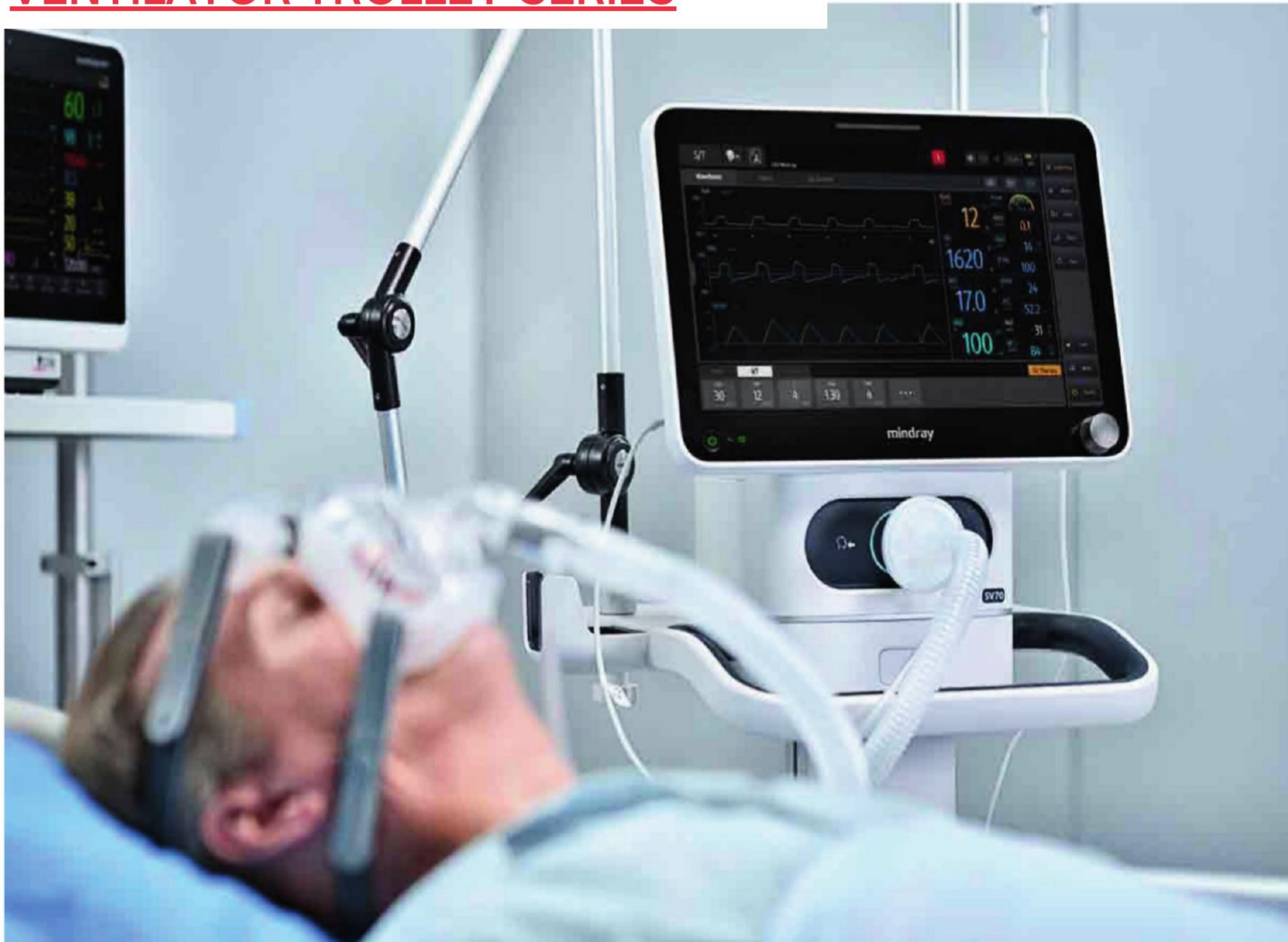
PMTC-A0043

ECG Trolley



PRIME VENTILATOR TROLLEY SERIES

VENTILATOR TROLLEY SERIES



PMTC-A0044

Ventilator Trolley

PMTC-A0045

Ventilator Trolley

PMTC-A0046

Ventilator Trolley





PRIME VENTILATOR TROLLEY SERIES

PMTC-A0047

Ventilator Trolley



PMTC-A0048

Ventilator Trolley



PMTC-A0049

Ventilator Trolley



PMTC-A0050

Ventilator Trolley





PRIME MONITOR TROLLEY SERIES



PMTC-A0051

Monitor Trolley



PMTC-A0052

Monitor Trolley





PRIME MONITOR TROLLEY SERIES

PMTC-A0053

Monitor Trolley



PMTC-A0054

Monitor Trolley



PMTC-A0055

Monitor Trolley



PMTC-A0056

Monitor Trolley



PMTC-A0057

Monitor Trolley



PMTC-A0058

Monitor Trolley





PRIME SETTLEMENT TROLLEY SERIES

SETTLEMENT TROLLEY SERIES



PMTC-A0059
Settlement Trolley





PRIME TABLET TROLLEY SERIES

Tablet Trolley
Series



PMTc-A0060
Tablet Trolley



PMTc-A0061
Tablet Trolley





PRIME SURGICAL TEACHING TROLLEY
SERIES

SURGICAL TEACHING TROLLEY SERIES





PRIME SURGICAL TEACHING TROLLEY
SERIES

PMTC-A0062
Surgical Teaching Trolley





PRIME INFUSION PUMP TROLLEY SERIES

INFUSION PUMP TROLLEY SERIES





PRIME INFUSION PUMP TROLLEY SERIES

PMTC-A0063

Infusion Pump Trolley



PMTC-A0064

Infusion Pump Trolley



PMTC-A0065

Infusion Pump Trolley



PMTC-A0066

Infusion Pump Trolley



PMTC-A0067

Infusion Pump Trolley



PMTC-A0068

Infusion Pump Trolley





PRIME MEDICINE DELIVERY TROLLEY
SERIES

MEDICINE DELIVERY TROLLEY SERIES





PRIME MEDICINE DELIVERY TROLLEY
SERIES

PMTC-A0069
Medicine Delivery Trolley



PMTC-A0070
Medicine Delivery Trolley



PMTC-A0071
Medicine Delivery Trolley





PRIME NURSING TROLLEY SERIES

NURSING TROLLEY SERIES





PRIME NURSING TROLLEY SERIES

PMTC-A0072
Nursing Trolley



PMTC-A0073
Nursing Trolley





PRIME REMOTE CONSULTATION TROLLEY
SERIES

REMOTE CONSULTATION TROLLEY SERIES





PRIME REMOTE CONSULTATION TROLLEY
SERIES

PMTC-A0074

Remote Consultation Trolley



PMTC-A0075

Remote Consultation Trolley



PMTC-A0076

Remote Consultation Trolley



PRIME UPRIGHT TALL SCREEN TROLLER **SERIES**

UPRIGHT TALL SCREEN TROLLER SERIES



PMTC-A0077

**Upright Tall
Screen Troller**





PRIME UPRIGHT TALL SCREEN TROLLER
SERIES

PMTc-A0078

Upright Tall Screen Troller



PMTc-A0079

Upright Tall Screen Troller



PMTc-A0080

Upright Tall Screen Troller



PMTc-A0081

Upright Tall Screen Troller



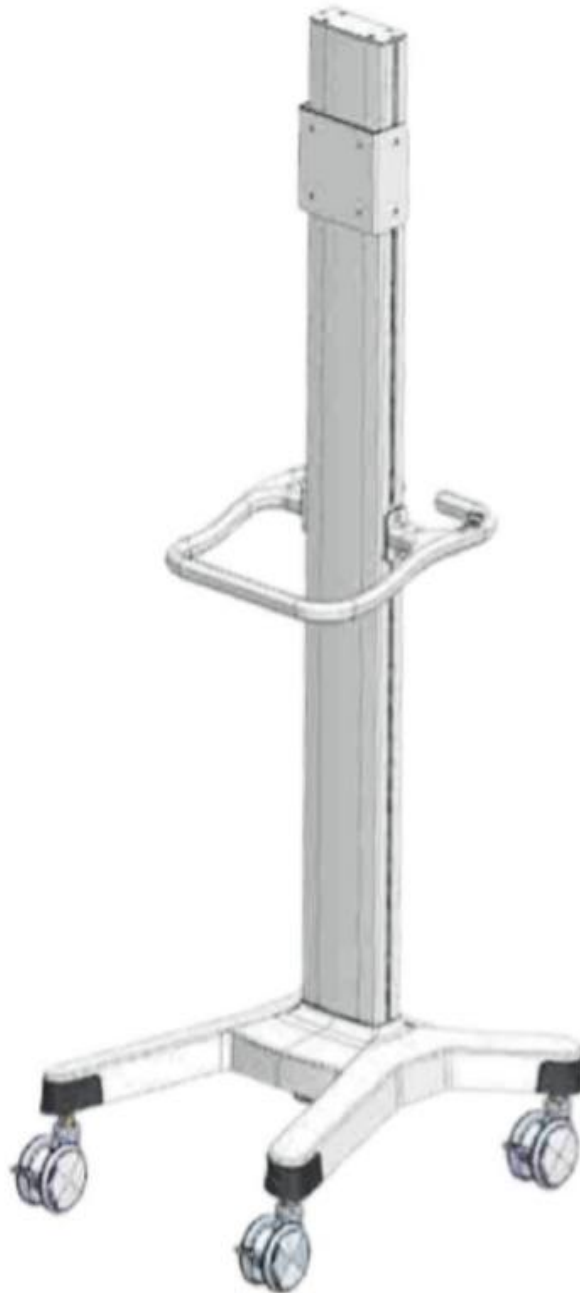
PMTc-A0082

Upright Tall Screen Troller



PMTc-A0083

Upright Tall Screen Troller





PRIME BEAUTY APPARATUS TROLLEY
SERIES

BEAUTY APPARATUS TROLLEY SERIES





PRIME ERGONOMIC ARM SERIES

PMTC-A0085

Ergonomic Arm

Ergonomic Arm Series



PMTC-A0086

Ergonomic Arm



PRIME ACCESSORIES SERIES



PMTC-A0087



PMTC-A0088



PMTC-A0089



PMTC-A0090



PMTC-A0091



PMTC-A0092



PMTC-A0093



PMTC-A0094



PMTC-A0095



PMTC-A0096



PMTC-A0097



PMTC-A0098



PMTC-A0099



PRIME ACCESSORIES SERIES



PMTC-A0100



PMTC-A0101



PMTC-A0102



PMTC-A0103



PMTC-A0104



PMTC-A0105



PMTC-A0106



PMTC-A0107



PMTC-A0108



PMTC-A0109



PMTC-A0110



PRIME ACCESSORIES SERIES



PMTC-A0111



PMTC-A0112



PMTC-A0113



PMTC-A0114



PMTC-A0115



PMTC-A0116



PMTC-A0117



PMTC-A0118



PMTC-A0119



PMTC-A0120



PMTC-A0121



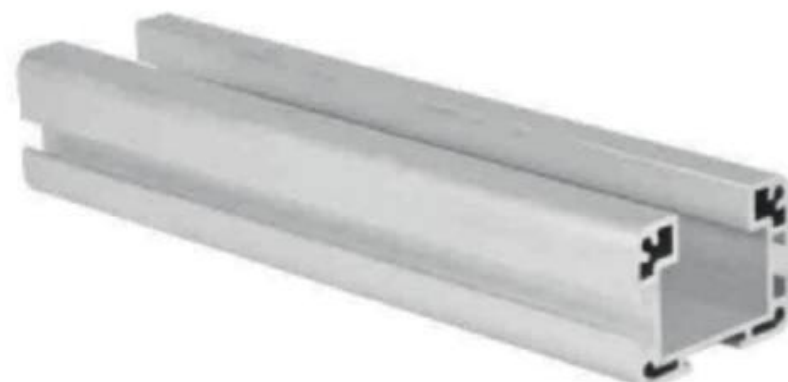
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PMTC-A0123



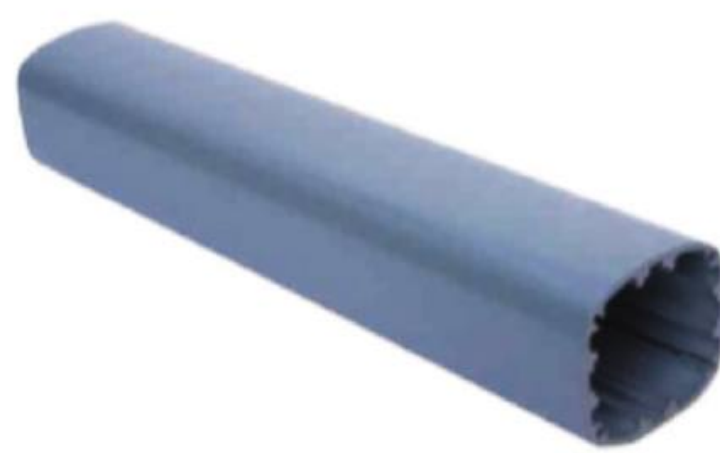
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PMTC-A0125



PMTC-A0126



PMTC-A0127



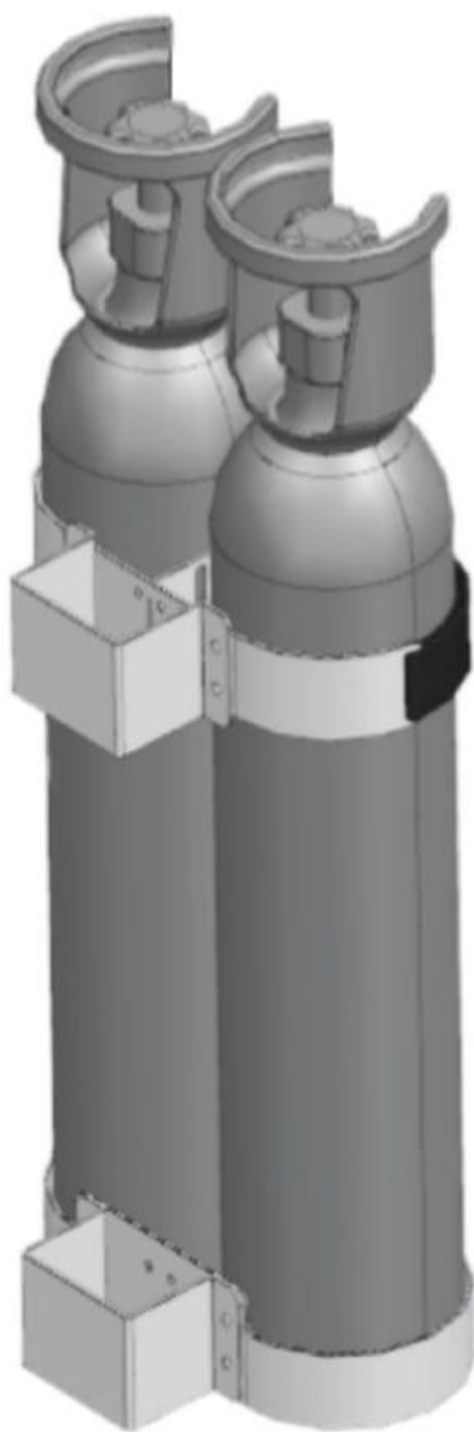
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PRIME ACCESSORIES SERIES



For Single Gas
Cylinder Hangers
With A Diameter
≤ 120mm



For The Second Type
Of Double Gas Cylin
der Hanger With A D
iameter Of ≤ 140mm



For Dual Gas Cylin
der Hangers With A
Diameter ≤ 140mm



PMTc-A0129



PMTc-A0130



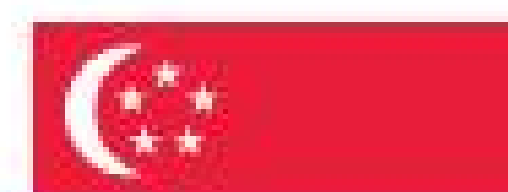
PMTc-A0131



PMTc-A0132



PRIME SURGICAL INTERNATIONAL PTE. LTD.



UEN No.: 202553158M

Dear Sir/Madam,

PRIME SURGICAL INTERNATIONAL PTE. LTD. is a Singapore-registered supplier of high-quality surgical instruments and medical power tools, serving healthcare professionals and distributors worldwide.

We are ISO 9001:2015, ISO 13485:2016, and GMP Certified, with CE Compliant products that meet international quality and safety standards.

We are HSA Notified and hold both the HSA Wholesaler Licence and HSA Importer Licence. We are also registered with Singapore Customs, ensuring compliance with Singapore's medical device import and distribution requirements.

Our Product Portfolio Includes:

- General Surgical Instruments
- Cardiovascular & Thoracic Instruments
- Neurosurgical & Micro Instruments
- Plastic & Beauty Surgery Instruments
- Orthopedic Implants
- Orthopedic & Spine Instruments
- Dental, Eye, ENT & Gynecological Instruments
- Veterinary & Animal Instruments
- Cardiac Micro & Titanium Instruments
- Medical Power Tools & Attachments

Why Work With Us?

- ISO 9001:2015 Certified – Quality Management
- ISO 13485:2016 Certified – Medical Device QMS
- GMP Certified – Safe & Consistent Manufacturing
- CE Compliant – International Standards
- 20 Years of Supply & Export Experience
- OEM & Custom Manufacturing Capabilities -NOT FOR SINGAPORE
- Global Export & After-Sales Support



Visit Our Websites:

www.primesurgicalinternational.com

www.primeminimalinvasiveinstruments.com

www.usa-surgical.com

Contact Information

Office: 20 Cecil Street, #05-03 PLUS, Singapore 049705

Phone / WhatsApp: +65 9004 6134

Emails: ziaprimesurgical@gmail.com | info@primesurgicalinternational.com |

zia@primesurgicalinternational.com

We look forward to building a long-term partnership with your esteemed organization.

Best regards,
Zia Ur Rahman
CEO – PRIME Surgical International PTE. LTD

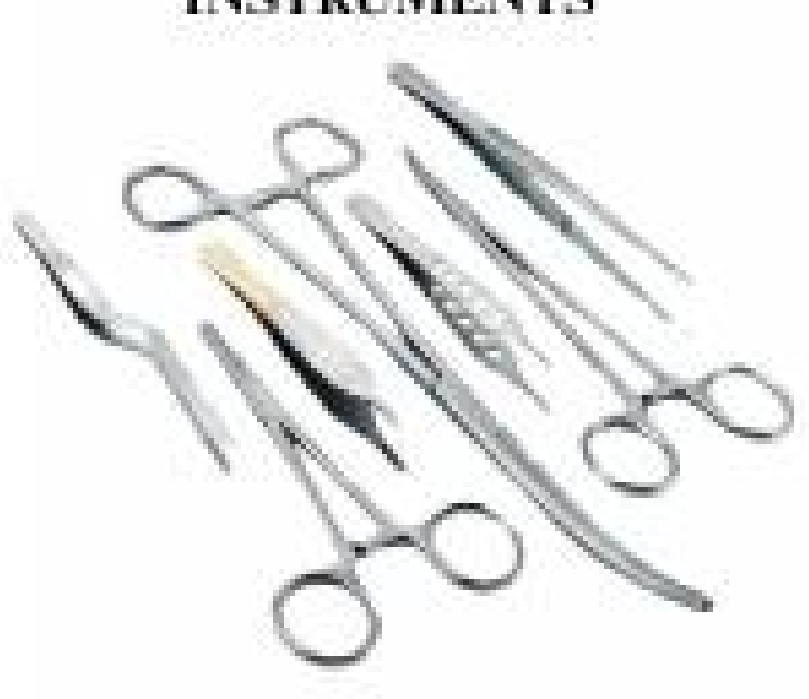
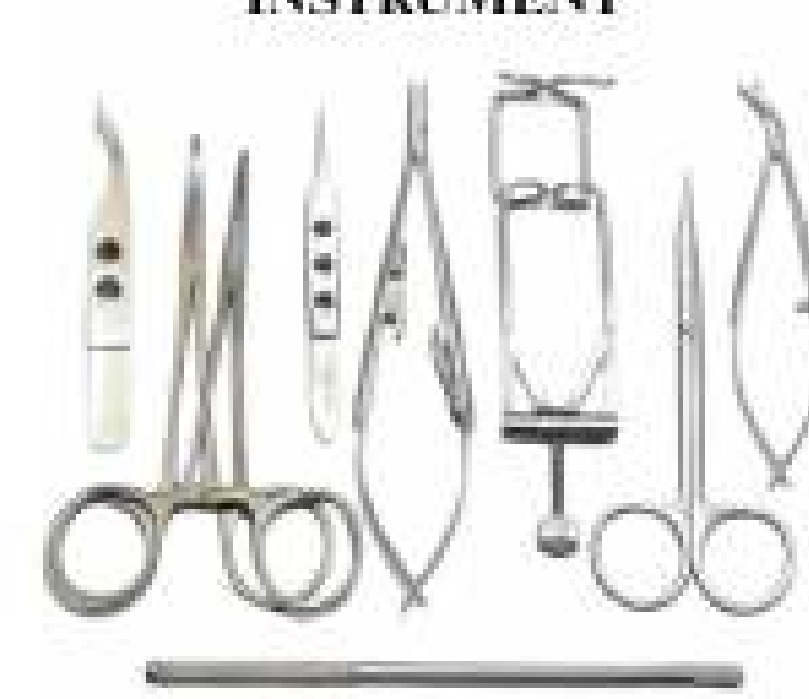


ISO 13485:2016

ISO 9001:2015

CE COMPLIANT

HSA NOTIFIED

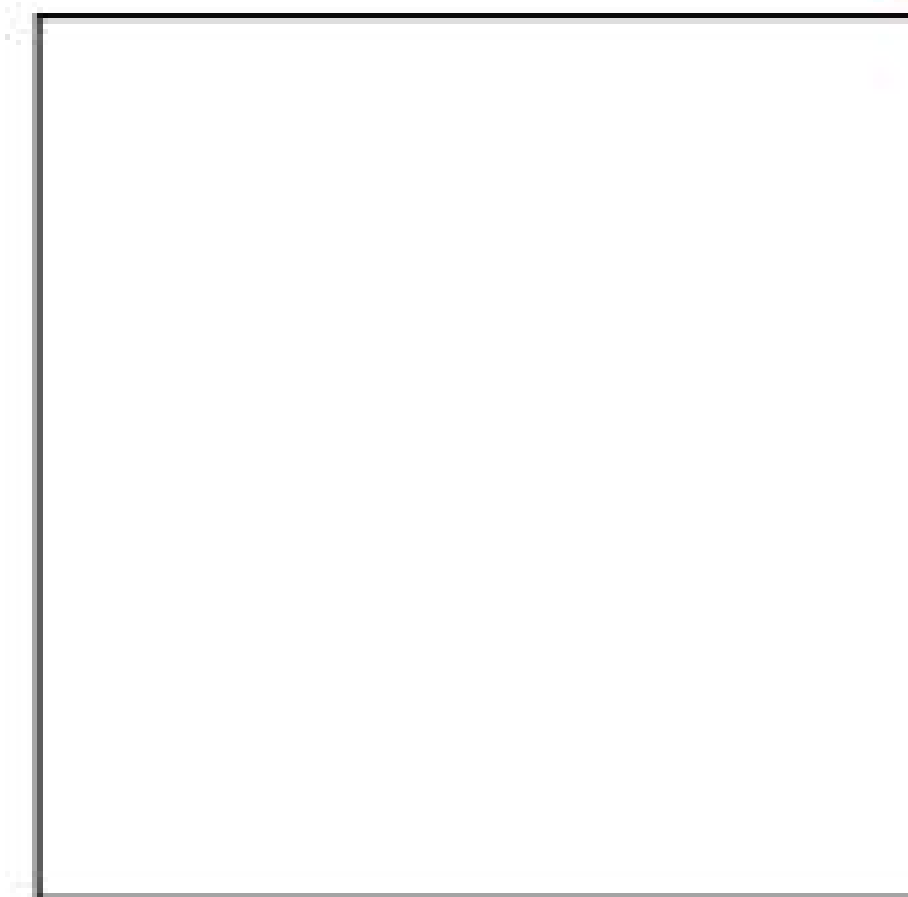
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PLASTIC SURGERY INSTRUMENTS 	CARDIAC SURGICAL INSTRUMENT 	ORTHOPEDIC IMPLANTS INSTRUMENT 	BEAUTY INSTRUMENTS 



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AND CARTS
RANGE**



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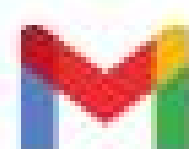
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PRIME SURGICAL INTERNATIONAL PTE. LTD.**



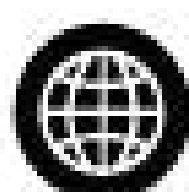
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