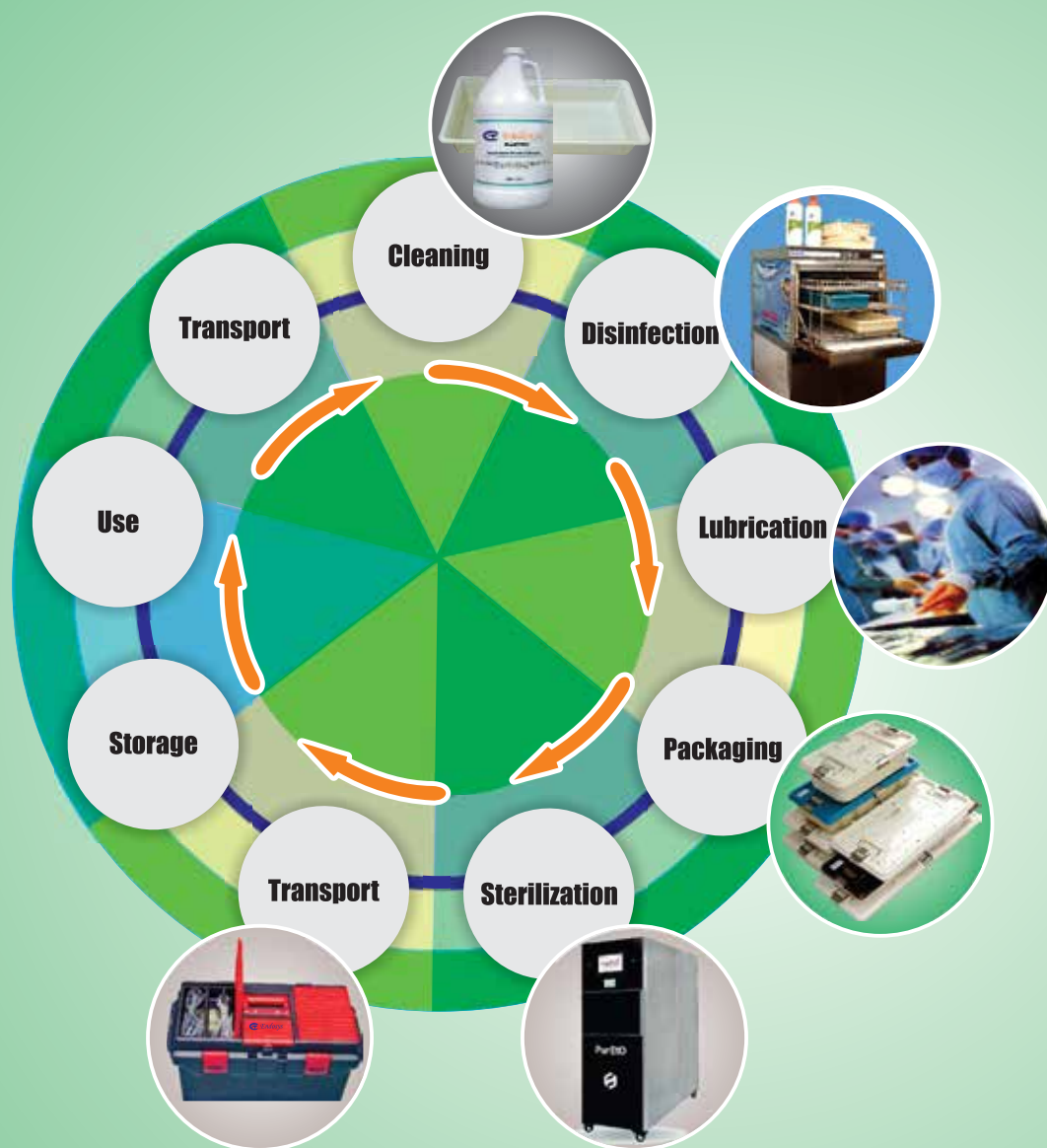


STERMAN

Sterilization of Products
with International Standards



Purifying Lives...

CareKIT | Autoclavable Polymer Sterilization Tray

- ▶ Single Double Decker Tray
- ▶ Self-Customizable Trays
- ▶ A removable Silicon mat-DuraMAT & Silicon holders-Easy-HOLD
- ▶ Total infection control
- ▶ Secures Delicate Scopes and well-crafted metal instruments
- ▶ Silicon materials are non-porous and hence doesn't absorb moisture
- ▶ No rust formation bacterial growth
- ▶ Compatible with Steam, ETO and Plasma Sterilization
- ▶ Custom Silicon Strips
- ▶ Graphical Laser marking
- ▶ Transparent Lid for easy Identification
- ▶ Light weight and easy to handle
- ▶ Custom Cavity trays & Custom Colours



Applications:

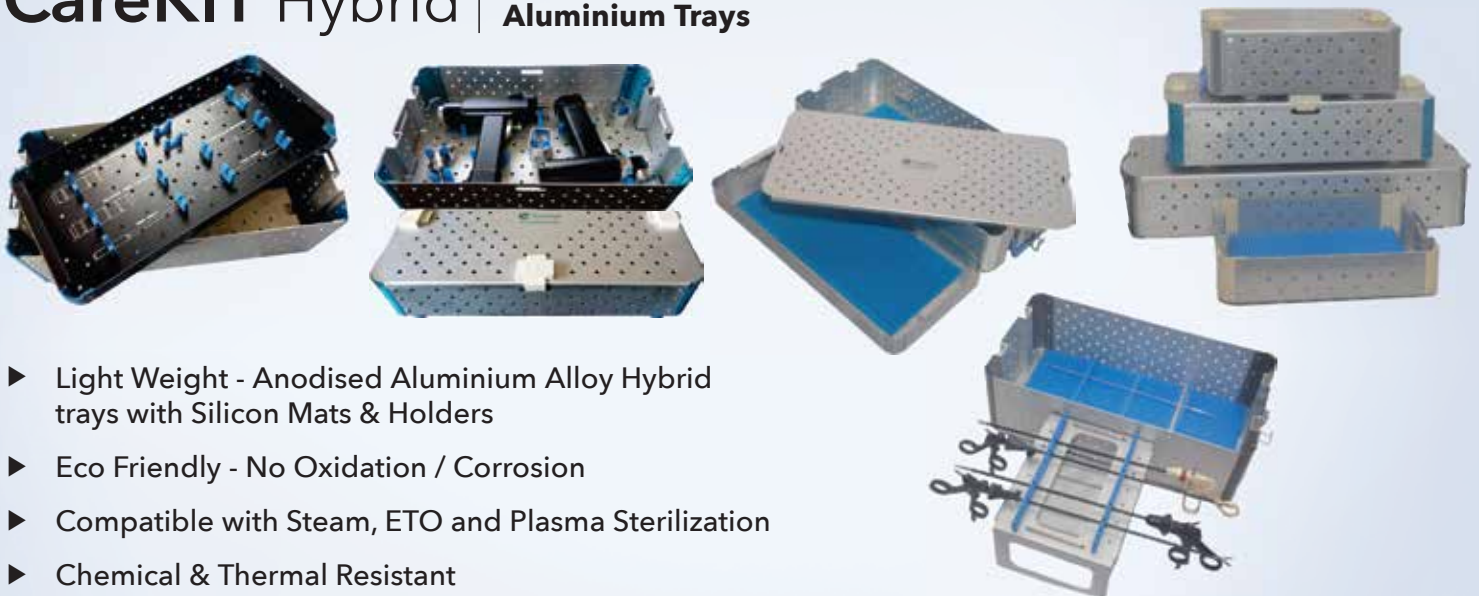
General, Urology, Laparoscopy, Orthopedics, Gynecology, Neurosurgery, Etc..

CareKIT Micro | Microsurgery, Ophthalmic ENT & Dental



- ▶ Continuous silicon holders and mats
Silicon strips accommodates instrument of various diameters and lengths
- ▶ Option of ULTEM lid for transparency
- ▶ High heat resistance
- ▶ 2000 cycles of Sterilization.

CareKIT Hybrid | Anodised Hybrid Aluminium Trays



- ▶ Light Weight - Anodised Aluminium Alloy Hybrid trays with Silicon Mats & Holders
- ▶ Eco Friendly - No Oxidation / Corrosion
- ▶ Compatible with Steam, ETO and Plasma Sterilization
- ▶ Chemical & Thermal Resistant

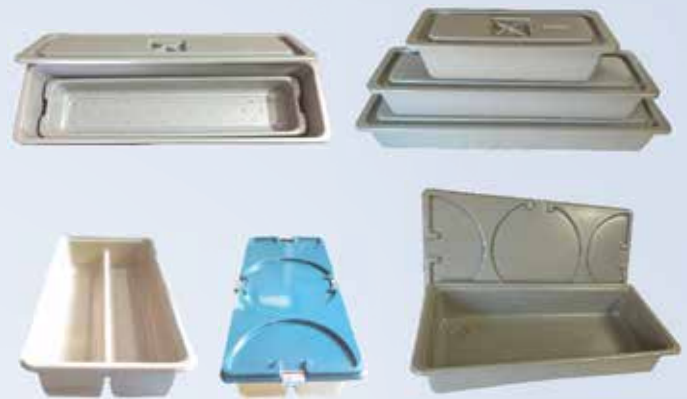
SafeKIT | Multi Layered Surgery Kit

- ▶ Custom built Portable system to Safely Store, Sterile and transport
- ▶ Safeguards well crafted surgical instruments and Optics
- ▶ Inner trays comes with individual lids and contains silicon mat
- ▶ All Silicon items are non-porous and hence do not absorb moisture or incubate micro-organism
Total infection control
- ▶ Inner trays are compatible with Steam, ETO and Plasma Sterilization
- ▶ Multiple chambers to accommodate various accessories as per the Specialties like Urology, Arthroscopy, Gynecology, Laparoscopy, Dental, ENT, etc..



SoakKIT | Disinfection Tray

- ▶ Moulded basin with inner perforated sieve tray and lid designed Specifically for Endoscopic Instruments
- ▶ Inert to all type of hospital chemicals and safe for longer durations of Soaking
- ▶ Accommodates all types of rigid and semi-rigid Instruments
- ▶ Various sizes available for soaking Scope / Instruments like Laparoscope, PCNL, URS and Accessories, Bronchoscopes etc..



Purifying Lives...

SurgiPEN | Sterile Surgical Marker & Ruler

- ▶ Surgical Marker, Gentian violet and Methylene blue dye, regular and fine tip, sterile, disposable, packed with 6 inch ruler
- ▶ Non-toxic, non-tattooing and surgical prep-resistant
- ▶ Marker's non-abrasive tip minimizes tissue trauma
- ▶ A separate flexible ruler in the Marker kit is designed to conform to the patient's skin for easier, more precise marking
- ▶ Single use is recommended for best results



BipoZYME | Multiple Enzyme Instrument and Equipment Cleaner

- ▶ One-step cleaning of delicate fiber-optic equipment, such as endoscopes and cystoscopes, as well as other surgical instruments, including those used for orthopedic, bariatric, cardiovascular and general surgery
- ▶ Break down soils associated with blood, fats and bone
- ▶ Disperses instantly and completely without mixing
- ▶ Contains four enzymes-Protease that breaks down proteins, Amylase that breaks down carbohydrates, Lipase that breaks down lipids or fats, and Cellulose that targets cellulose fibers



LubeSYS | Instrument Lubricant Concentrate

- ▶ Milky White emulsion / Mild oleic odour
- ▶ Anti Microbial, Water soluble, Non-silicon Base, Anti-corrosive Lubricant
- ▶ Steam and ETO permeable, compatible to high impingement washing equipment
- ▶ Contains a preservative to minimize bacterial growth in the Lubricant bath
- ▶ Penetrates deep into hinges and box locks to lubricate and prevent seizure
- ▶ Minimize rusting, staining and spotting during autoclaving and storage.

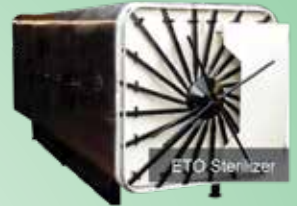


STERMAN ETO

Fully Automatic Ethylene Oxide Sterilizer



- ▶ PureETO - the EO gas sterilizer uses 100% pure Ethylene Oxide Ergonomic and intuitive touch screen. PureETO offers new generation 10" color touch screens with high resolution and user-friendly operation.
- ▶ Software controlled dexterous door locking allows operator to release door using the touch screen panel only when it is safe to do so.
- ▶ The cartridge is punctured upon, the locking of sterilizer door completely and the vacuum, temperature and humidity levels reach preprogramed parameters.
- ▶ eServer lets you transfer each cycle information and history data directly from CSSD room to a PC in the Clinic via Ethernet.
- ▶ The Wi-Fi module lets users transmit cycle data and current cycle status to a computer, tablet or smartphone, thus providing completely secure remote monitoring.
- ▶ PureETO comes with an integrated printer.
- ▶ Compressor not required to avoid tedious maintenance because unhealthy compressed air may damage performance of equipment and hence oil free system.
- ▶ Optional accessories include sealing machine, steribags, chemical and biological indicator lables.



STERMAN Plasma

Fully Automatic Plasma Sterilizer



- ▶ STERMAN Plasma sterilizer use hydrogen peroxide (H_2O_2) as a sterilant to sterilize precise medical devices and instruments which may be changed their properties and appearances under high temperature and pressure.
- ▶ Hydrogen peroxide is a non - toxic, powerful oxidizing agent that decomposes into water and oxygen. The benefit of hydrogen peroxide is environment friendly. It does not leave harmful residues after plasma phase to the environment and human bodies. Also it has great advantages in sterilizing performance that can destroy a wide range of pathogens.
- ▶ New generation 10" color touch screen with high resolution and user-friendly operation. Operator can use the sterilizer with Ergonomic touch screen and monitor the entire sterilization cycle in real time.
- ▶ Increases the turnover rate of the high priced delicate medical devices and instruments in the hospital. Software Controlled Dexterous Door Locking allows operator to release door using the touch screen panel only when it is safe to do so with safety features.
- ▶ Plasma Chamber RF generator produce Plasma in chamber on time with specific frequency.
- ▶ Printing units comes with an integrated thermal printer 'Remote allows to view and monitor the same screen shown on the HMI and control the Cycle process via Wifi.
- ▶ Sterilant Injection System contains Hydrogen Peroxide (57-59%) in vial, easy to fix in specific sterilant window at the left hand side of body.
- ▶ Each vial having enough sterilant for any one cycle. Every cycle needs new sterilant vial.

STERMAN OzoPlas

Ozone Plasma Sterilizer



- ▶ OZOPLAS - An Innovative personal benchtop
- ▶ Plasma Steriliser from STERMAN, It works on the principle of ozone plasma based on low-temperature sterilization. It helps to sterilize heat and moisture sensitive medical devices
- ▶ OZOPLAS utilizes anti-microbial properties of ozone to remove 99.99% of 650 types of pathogenic organisms in less than 15 minutes at ambient temperature.
- ▶ OZOPLAS is affordable, easy to use Sterilizer for infection prevention, Sterilization of all Surgical instrument, Laparoscope and Endoscopes.
- ▶ OZOPLAS helps to Sterilize all the surgical instruments in Orthopedics, Gynecology, Neurosurgery, Urology, Dental, ENT, Laparoscopy, Microscopy and all other surgical specialities.
- ▶ OZOPLAS sterilization is safe and fast and also economical alternative to Low temperature Sterilization.
- ▶ OZOPLAS doesn't require any consumables for the operation except of the sealing pouches.



BipoWASH | Automatic Washer Disinfector

- ▶ Endosys BipoWASH Washer-Disinfector is configured for General Speciality surgical Instruments and is an ideal set up for Surgery Centers or Clinic based practices looking to Automate their instrument reprocessing.
- ▶ High throughput circulation pump provides through washing action at a low pressure for gentle yet powerful cleaning
- ▶ Built-in water softener helps to provide the best cleaning results in areas with hard water
- ▶ Automatic indication of error conditions assures reliable cleaning and disinfection results. If temperature is not met, detergent is not dispensed, the pump is not functioning, or water is not filling or draining, the washer will indicate an error rather than complete the cycle
- ▶ Final rinsing with DI or RO water for best cleaning results (pure water system not included)
- ▶ Quiet performance - washer is rated at 53 BA for minimal workplace distraction
- ▶ Door automatically locks when cycle begins for safety of personnel and assurance of reliable cleaning process
- ▶ Water-proof system - shuts the water off in the event of a leak



SafeHANDS | Automatic Betadine / Sanitizer Dispenser

- ▶ Germicidal product for hand sterilization
- ▶ Acts against all nosocomial infection caused by viruses, bacteria and spores with a 99.999% total sterilization
- ▶ Semi Transparent unit cover ensure liquid level visibility.
- ▶ Volume of Liquid dispensed each time can be adjusted between 2 to 6 ml. Total volume of container - 2100ml.
- ▶ Dimensions: L-320mm W-185, D-130mm. Product weight: 1.5 Kg
- ▶ Power source: AC 220-240 V, 50 HZ, 20W
- ▶ Surgical hand scrubbing for OTs, ICUs, Clinics & Patients wards
- ▶ Ideal for Sterile manufacturing areas of Pharma & Medical devices



Endosys CareKIT™ SYSTEM

Endosys CareKIT™ is a versatile system for organizing and protecting surgical instruments and implants. Designed to meet both the growing trend toward standardization of instrument sets and your individualized surgical needs, the CareKIT system can be adapted to Multi specialty services. Standard instrument insert trays are available in many sizes, and can be used alone or stacked in a base tray in many different combinations, allowing you to organize instrument sets as per the procedure/departments, with practical and protective layers. These trays are high heat resistant and chemically resistant and are compatible with Steam Sterilization, Ethylene Oxide Sterilization, Cold disinfectant Sterilization and Gas plasma Sterilization.

General trays comes in various dimensions and have been designed in such a way that they are useful in orthopedics, Neurosurgery, Gyneac, Plastic and Vascular Surgery, Cardio Vascular & thoracic surgery, General Surgery, Urology and other departments. These trays are designed to protect the aesthetics of the Operation Theatre and give an ease of handling.

Material Information

Endosys carefully manage the production to comply with standards for healthcare and medical products. All products are suitable for use with approved cleaning chemicals and medical liquids used in hospitals and healthcare. Material used in all products is Medpoly™ polyphenyl compound unless stated. Material complies with ISO10993 Biocompatibility of medical devices.

Polyphenyl material is a derivative from oil production. Polyphenyl is identified as a material class 5 and can be recycled. The dyes for material colouring are safe, non toxic and comply with Directive 67/584/EEC on Dangerous Substances and Directive 67/769/EEC to protect human health, the environment and the interests of consumers. Polyphenyl can be incinerated with residue emission of carbon monoxide and water. Products must be disposed of in accordance with regulations on clinical waste and hospital protocol.

Processing Information

The STERMAN Range is designed to be steam autoclaved in autoclaves compliant to HTM2010,BS3970, and EN285:1996 and ISO17665 with a processing temperature of 121°C or 134°C as per the hospital CSSD standards. Products are good within a temperature range of minimum 4°C and maximum 145°C. To ensure sterilization, it is essential that the interiors of the products are not obstructed and allow free circulation of steam, air and gas. Products must be separated and not interstacked. Products should not be tightly wrapped. Products should be packed into autoclaves so to avoid obstructions and heavy weights. Only trained operators should be responsible for handling and processing wrapped. Products should be packed into autoclaves so to avoid obstructions and heavy weights. Only trained operators should be responsible for handling and processing products.

Certification

Endosys Technologies is certified to ISO 9001:2015 and ISO 13485:2016. Products are classified as Class 1 Medical Devices. Commercial Information: All contracts are made in INDIA and governed by Government of Indian Law. Orders are accepted only in accordance with our terms and conditions shown on current price lists. web-site or agreed on an individual basis.

Distributed by



For more information contact your
Endosys Sales Representative

+91-44-2479 7528, +91-86956 60061,
+91-93817 12055, +91-93845 60061.
www.endosys.org | mail@endosys.org