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Wholesale Supplier
Refurbish Equipments
A to Z Hospital Equipment and
Surgical Products B to C



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Wholesale Supplier

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ICU & Theatre Equipment

- Anesthesia Department | Respirator
- Anesthesia Work St



1. Drager Primus Anesthesia Workstation



- Manual
- Spontaneous
- Volume Mode (IPPV)
- Pressure Mode (PCV)
- Compact breathing system with integrated heater.
- External fresh-gas outlet connects semi-open breathing systems.
- Ventilator E-Vent Plus: Electrically driven and electronically controlled.

2. Drager Fabius GS Anesthesia Machine

Drager Fabius GS Safety Functions

Sensitive Oxygen Ratio Controller (S-ORC) guarantees a minimum O₂ concentration of 23% in an O₂/N₂O mixture. N₂O cut-off if O₂ fresh gas valve is closed.

General:

- Battery (supports ventilator and monitor): >45 min
- Ventilator E-vent: Electronically controlled, electrically driven.

Operating Modes :-

- Standard: Manual/Spontaneous, Volume Control (IPPV)
- Options: Pressure Control (PCV), Pressure Support (PS), Synchronized Volume Controlled Ventilation with PS (SIMV/PS)



3. GE Aestiva/5 MRI Anesthesia Machine



The GE Aestiva/5 MRI is an MRI-compatible anesthesia machine ideal for both the MRI suite and the operating room.

Features-

- Designed for use in MRI settings up to 300 Gauss, active shielded 1.5T and 3T magnets.
- Physically integrated magnetic field strength monitor (Gauss alarm).
- 7900 SmartVent™ with the following ventilation modes: Volume Mode, Pressure Control Mode, Pressure Support (PSVPro®), Synchronized Intermittent Mandatory Ventilation (SIMV), electronic PEEP.
- Ventilator features tidal volume compensation and cardiac bypass case mode.



4. GEaespire S5 Anesthesia Machine with 7900 Smartvent



Features:-

- Fully autoclavable and latex-free 7900 SmartVent Ventilator.
- Volume and Pressure modes with electronic PEEP.
- Synced intermittent mandatory ventilation (SIMV).
- Direct access to ventilator parameter settings.
- PSVPro (Pressure support with Apnea backup mode.
- Minimum O2 flow of 50 mL

5. Boyle Anaesthesia Machine

Features :-

- Machine constructed with sturdy frame of corrosion proof medical grade
- material with durable finish
- Separate cylinder pressure gauge for O2 and N2 O for each source of inlet
- O2 failure alarm and N2O cut off system
- Non interchangeable gas supply inlet for O2 and N2O
- Two tube rotameter for low flow use
- Non interchangeable gas supply inlet for O2 and N2O



6. Ventilator



i. Philips Respironics V60 Ventilator

The Respironics V60 also helps you take NIV further by meeting the needs of a broader patient population. Designed to include pediatric use and equipped with several modes, the V60 allows you to meet the specific needs of individual patients.

Modes

- CPAP- Continuous positive airway pressure
- S/T - Spontaneous with timed backup
- PCV- Pressure control ventilation
- AVAPS- Average volume assured pressure support (optional)
- PPV- Proportional pressure ventilation (optional)

Electrical

- Battery operating time: 6 hours in normal conditions



ii. Maquet Servo-i Ventilator



- SERVO-i supports both invasive and non-invasive ventilation.

iii. Drager Savina Ventilator

SPECIFICATIONS

Ventilation Mode

PPV(CMV), IPPVAssist (CMVAssist), SIMV, SIMVASB (SIMV/PS)
CPAP.CPAPASB (CPAP/PS), BIPAP* (PCV+) (optional) BIPAP* ASB
(PCV+/PS) (optional)

Patient Type	: Adult, pediatric
Ventilation Frequency	: 2 to 80 bpm
Tidal Volume	: 0.05 to 2.0 L,BTPS")
Inspiratory Flow	: 0 TO 180 L/min
Inspiratory Pressure	: 0 to 99 mbar")*(cmH20)
PEEP/Interm. PEEP	: 0 to 35 mbar (cmH20)
Pressure Support/ASB	: 0 to 35 mbar (cmH20) (relative to PEEP)
Flow Acceleration	: 5 to 200 mbar/s (cmH20s)
O2-Concentration	: 21 to 100 Vol.%
Trigger Sensitivity	: 1 to 15 L/min



iv. Respironics V200 Ventilator



DETAILS

The Respironics V200 critical care ventilator reduces the work of breathing and streamlines patient care provides with.

SPECIFICATIONS

General : Patient types

Adult

- NeonatesD 0.5 kg
- Breath Types : Volume control ventilation (VCV)
- Pressure control ventilation (PCV)

Modes : A/C Assist/control

- CPAP Continuous positive airway pressure
- NIVNoninvasive ventilation
- PSV Pressure support ventilation
- SIMV Synchronized intermittent mandatory ventilation
- SIMV/PSVSIMV with pressure support

v. Maquet Servo-s ICU Ventilator

Ventilation

Invasive and non-invasive ventilation (with leakage compensation for non-invasive ventilation) for all patient categories.

Servo quality

Ventilation independent of central gas installations when combined with Compressor Mini.

Ventilation Mode :

PC, VC, PRVC, PS/CPAP, VS, SIMV (VC) + PS, SIMV (PC) + PS, SIMV (PRVC) + PS, Bi-Vent/APRV, NIV PC, NIV PS.



vi. HAMILTON-C2 Ventilator

The HAMILTON-C2 mechanical ventilator is a universal ventilation solution for all patient groups. The HAMILTON-C2's compact design and independence from external power and air supplies allow for maximum mobility throughout the hospital. The integrated high-performance turbine guarantee stop performance even with noninvasive ventilation.

- Ventilation of adults, children, and neonates
- Tidal volumes as low as 2 ml
- >7 h of battery operating time
- Independent air supply
- Advanced ventilation modes including ASV®
- High-performance NIV ventilation

Ventilation Cockpit

- Dynamic Lung : Real-time visualization of the lungs with representations of tidal volume, lung compliance, resistance, and patient activity.



vii. Hamilton C3 Ventilator

- The HAMILTON-C3 ventilator is a modular high-end ventilation solution



viii. Drager Savina® 300 Select



The Drager Savina® 300 Select (in this configuration) combines the independence and power of a turbine-driven ventilation system with sophisticated ventilation modes.

- Sophisticated ventilation modes for critically ill patients (e.g. PC-APRV, VC-MMC, AutoFlow®)
- Automatic Tube Compensation ATC® reduces the work of breathing for intubated patients with spontaneous breathing
- Free breathing with AutoFlow in volume constant ventilation at a minimum pressure level Non-invasive ventilation (NIV) available in all modes with a very quick response times to patient efforts



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Cardiology Department *Equipment*





i. Maquet CS300



Specifications :

IABP with IntelliSense combines fiber-optic speed with automatic in vivo calibration. The result is faster time to therapy, faster signal acquisition, and faster adaptation to rate and rhythm changes.

- Color Display : Color TFT Liquid Crystal Display (LCD) 8.3"(21cm)Wx 6.2" (15.8cm)H; up 45°, 10.4" diagonal (26.4 cm)
- Operation Modes : Auto, Semi Auto, Manual
- ECG Trigger : Threshold dynamically adjusted by system for high sensitivity and selectivity of the R-wave detection; Minimum =120pV± 20pV at normal gain; 40µV at max. gain
- Pressure Trigger : Default trigger threshold is automatically adjusted to 38% of the systolic pulse height; 7 mm minimum
- Internal Battery : 24 VDC (nominal), 17.2 Amp-hour, approx. 3 hrs. @ 90 bpm
- Battery Type : Maintenance free; Sealed lead-acid
- System Compressor : Dual head diaphragm pump with brushless DC motor
- IAB Helium (He+) : Medical-grade; 99L Refillable (2200 psi) or 140L Disposable (2200 psi)
He+ Endurance (nominal) 2 mos. continuous operation - 24 hrs./day
- Condensate Removal : Fully automatic condensate removal and disposal

ii. Datascope CS100

Features

- Fast, one-button start-up automatically conducts autofill and initiates 1:1 assist.
- Switch easily between three operation modes: Automatic, Semi-Automatic and Manual.
- Fully annotated printouts with user-configurable waveforms and strip lengths.
- Locking casters and durable design keep the CS100 secure in a variety of settings.



IInjector

i. Mark VProvis Medrad Injector



Flexibility

- Control from either the suite or the control room while being able to monitor from the other-you choose depending on the procedure.
- Table mounting capability for easier access in the suite.
- Greater flexibility in customizing your work flow; especially in swing labs

MEDRAD gives you multiple levels of protection.

- Programmed microprocessor helps protect against.
- Over-volume
- Over-flow
- Over-pressure
- Mechanical stop:
- Automatically sets and locks to physically limit injection to the selected volume



ii. Sino MDT Sino Angio-1 200 High Pressure Contrast Injector

Brand	: Sino MDT
Syringe	: Single Syringe
Syringe Size	: 150 ml sterile syringe
Injection Volume	: 0.1ml-Volume of syringe
Injection delay	: 0-600
Injections Phases	: s 1-8 phases
Injection Protocol	: 120 protocols
Syringe heater	: 35 degree C+/-5 degree C
Pressure Limit	: 100-1200 Psi
Flow Rate	: 0.1-50 mL/s



iii. Sino Power-S CT Contrast Injector

Usage/Application	: CT Scan examination
Model Name/Number	: Sino Power-S
Brand	: Sino MDT
Syringe Size	: 200 ml sterile syringe
Pressure Limit	: 50-300 Psi
Flow Rate	: 0.1 ml/s-10.0 ml/s
Injection Volume	: 0.1ml-Volume of syringe
Injection delay	: 0-600 s
Injections Phases	: 1-8 phases
Injection Protocol	: 120 protocols
Syringe heater	: 35 degree C+/-5 degree C



Features: Real-time injection pressure display

3. Floor-mounted cardiology system for Magnetic Navigation Biplane cardiology system for Magnetic Navigation Table side control.

CARE Package Combined applications to reduce exposure (CARE) help to reduce radiation dose for the operator and the patient.

■ CAREvision: reduced pulse rates in fluoroscopy free collimation, free patient repositioning, automated CU prefiltration of X-ray beam, display of dose in the examination room, effective skin dose control, dose information embedded in DICOM structured report, peak skin entrance dose monitoring

CLEAR Package

The CLEAR applications provide outstanding image quality to increase certainty during interventions.

CLEARcontrol: harmonization of the image especially in areas with large density differences, dose adaptive noise reduction for sharp images, crisp visualization of vessel edges, detection of fine structures and effective compensation of motion artifacts, allows customizing the





4. phillips Allura Fc



Product	
Specification	Cardiovascular
Usage/Application	Diseases
Connectivity	DICOM 3.0
Mount Type	Floor Mount
Generator Power	80 kW
Model Name	Allura FC
Brand	Philips
Lead Glass	2x3 Feet

Product Description:

The Allura FC is part of Allura family of interventional products from Philips. It's a highly versatile yet compact cardiovascular X ray system. It combines ease-of-use, reliability and affordability with essential functionality for diagnostics and interventions for cardiovascular diseases. The entire Allura FC is designed with cost-effectiveness and practicality in mind, from the motorized iso-centric gantry and floating table to the user selectable imaging modes. The system provides the functionality physicians need in a clear, simple way so that they can focus on their patient and procedure.

Features:-

- Cardiac procedures
- EP procedures
- Enhances patient and staff experience
- Vascular procedures
- OptIQ - enhanced visibility for better interventions
- Makes business sense
- Peace of mind
- Workflow and DICOM integration

5. PhiUips FD10

Features-

- Dedicated procedure settings reduce x-ray dose.
- Reduced contrast media usage benefits pediatric patients
- XperCTfor CT-like imaging in the lab
- Allura 3D-RAdeepens understanding Philips Allura 3D-RA generates extensive 3D visualization of pathologies from a single rotational angiography run in a few seconds. Used with the unique whole-body coverage of Philips Allura FD systems, it can cover any anatomy including cerebral, abdominal and peripheral areas. Additional features compensate for patient movement and ensure high contrast resolution for all applications



6. Pacemaker Meditronic Single Chamber

Specifications Modes :

- AAI.AOO, WI.VOO

Electrode Type :

- Unipolar or bipolar



7. Pacemaker Meditronic Double Chamber Medtronic 5388 Features



- The Medtronic 5388 is a dual-chamber temporary pacemaker that provides eight different types of modes for pacing therapy. This Medtronic pacemaker is battery-powered and usually connected to transvenous, epicardial
- Operates with a 9V alkaline or lithium battery.
- ODD, DVI, DDI, DOO, VOO, WI,A00, and AAI pacing therapy modes.
- Compatible with Medtronic 5433A, Medtronic M5433V,
- Medtronic 5832, Medtronic 5832S pacing and surgical cables.
- Rates : Base Rate : 30 - 200 min⁻¹ + 5%
- Rapid Atrial Pacing Rate : 80 - 800 min⁻¹ + 5%
- Pulse Width - Atrial: 1.0 ms +10%
- - Ventricular 1.5 ms +10%
- Sensitivity - Atrial ASYNC: 0.4-10 mV+0.3 mV or 25%-
- Ventricular ASYNC: 0.8- 20 mV+0.3 mV or 25%

8. Heart lung Machine

i.Terumo Sarns 8000

The Terumo Sarns Modular Perfusion System 8000 is a flexible, dependable, and cost efficient modular blood pumping system. The Sarns 8000 is a modular heart lung machine that is available in a variety of configurations. We offer 4 and 5 pumps units that are available with and without the built-in centrifugal pump.

- Roller or centrifugal pumps
- Arterial and cardioplegia monitors for temperature, pressures and timers
- Battery module
- Electronic venous occlude
- Pulse mode
- Communications module for data acquisition



ii . Stockert S5



The S5 was designed to meet the diverse needs of today's hospital-while keeping pace with changing demands.It can be operated with as few as three and as many as seven roller pumps and a centrifugal pump.

Feature

- High-resolution TFTdisplays.
- DMS automatically records all values and events of the heart-lung machine and external devices like
- patient monitor, blood gas analyzer, ACT meter and cerebral oximetry.

iii. Maquet HL 20

The Maquet HL20 perfusion system is reliable, flexible and adaptable. It combines the complex technology needed for cardiopulmonary surgery with clear and concise handling necessary for safe and effective patient management.

Feature:-

- Complete four pump system.
- Pressure and temperature monitoring system.
- Air emboli protection system.
- Cardioplegia monitor unit.
- One knob adjusts all settings except the pump speed.
- In a power failure, a fully automatic battery backup system will be engaged and run the entire system for the time sufficient to finish most surgical procedures.



iv. Terumo System 1

Terumo System 1 is Space-saving and its System design allows users to define safety responses and pump responses.

Feature:-

- Central Control Monitor featuresfast processing, a high-resolution screen, and updated software.
- Base or pole-mounted pumps with rotating raceways help reduce circuit length and hemodilution.



v. Stockert S3

The Sill is Stockert's third-generation perfusion system. Its development has taken the latest technological advances into consideration. The Sill is designed as a complete modular system and can be configured individually according to your requirements.

Feature:-

- He Sill is designed for excellent ergonomoy.
- From the perfusionist's position all controls, displays, the pump heads, the data management system, the heater-cooler system and all disposable devices are easy to keep in sight and to operate.
- Give excellent comfor



9. Heater Cooler

i. Stockert 3T



Features

The LivaNova Sorin Stockert 3T is a heater-cooler that is used during cardiopulmonary bypass. The System is used to help regulate the patient's blood during cardiac, vascular, and transplant procedures. The Stockert 3T system can work independently from the water supply in an operating room. It comes with three different water tanks that control the warming and cooling cardioplegias along with the patient temperature. Each one of these is on its own separate circuit and can be run simultaneously.

Operating Conditions

- Operating Temperature: 10 °C through 30 °C Note: Cooling performance might be reduced at operating temperatures greater than 25 °C.
- Relative Humidity: 30% through 75%
- Operating altitude (atmospheric pressure): 0... 2,000 m(700hPa...1,060 hPa)

VolumeandFlow:-

- Minimum Levelpatienttank4. 5 L(11.6Ltotaltankvolume)-
- Maximum level patient tank6.5 L(13.8Ltotaltankvolume)
- Water flow patient circuits
- 13.0- 16.4liters per minute (circuit outlet)
- 10.8- 12.6liters per minute (5 m +5 m circuit)
- Water flow cardioplegia circuit
- 7.5- 9.8 liters per minute (circuit outlet)
- 7.4 - 8.7 liters per minute (5 m +5 m circuit)

Rates

- BaseRate:30- 200min-1±5%
- Rapid Atrial Pacing Rate: 80 - 800 min-1 +5%

Pulse Width

- Atrial: 1.0 ms +10%
- Ventricular 1.5 ms + 10%

Sensitivity

- Atrial ASYNC: 0.4 - 10mV+ 0.3 mV or 25%
- Ventricular ASYNC: 0.8- 20 mV+ 0.3 mV or 25%

RCSZ Hemotherm 400MR Sub Zero Cooler



Features

The CSZHEMCTHERM400MR Cooler/Heater system is used to Lower/raise the blood temperature and/or maintain blood temperature, as required, through conductive heat transfer. The conductive heat transfer on the Sub Zero cooler is accomplished through any type of blood oxygenator/heat exchanger unit, along g with the use ofablanketunderthe patientforthe re-warmingphase, if desired

- Dual Purpose: The Hemotherm may also be used with a hyper/hypothermia blanket to provide additional patient cooling/re-warming therapy
- CSZHemotherm 400MR Specifications
- Dimensions- Weight : 198lbs (89.8 kg)
- ReservoirCapacity- Cool : 8 qts. (7.6 liters)
Heat : 6 its (5.7 liters)
- 13 Liters/Minute through self-sealing Hansen Fittings
- 15 Liters/Minute with flow through Hansen Fitting

10. Medtronic ACTII Plus Machine

MedtronicACTII Features

The MedtronicACTII Is an Automated Coagulation timer. The Act II is a portable device making it easy to run coagulation test in an OR while performing a cardiovascular or vascular surgery, as well as catheterization in laboratories and in Critical Care Units. The with Medtronic ACTII you can run a variety of test including Activated Clotting Time (ACT), High Range Heparinase (HRHTC), Prothrombin Time (PT), a General Purpose Cartridge (GPC)and the Activated Partial Thromboplastin (aPTT). The Coagulation Timer come with a DPU-414 thermalprinter.



11. Medtronic Rotablator



Rotablator is an air-driven system featuring a 5-micron diamond-tipped burr that rotates at up to 190,000 RPM.

Front-Cutting:

Rotablator's diamond-tipped burr is engineered to immediately engage the lesion, enabling precise control of ablation even in tight or occluded lesions.

Stable Rotation:

Rotablator'sdiamond-tipped burr spins concentrically on the wire, providing confidence even when treating small or tortuous vessels



12. Patient Monitor



i. Philips MP 50 Monitor

Features

- IntelliVue MP50 patient monitors combine portability and measurement flexibility to match the pace and unique needs of intermediate care environments -at the patient's side.
- Built on Philips strong heritage in patient monitoring, IntelliVue has highly flexible screen configurations; an extensive clinical measurements menu; built-in clinical support tools such as Event Surveillance, conventional diagnostic 2-lead ECG, and arrhythmia analysis; and many other powerful features.
- In line with Philips commitment to providing customer choice, IntelliVue is compatible with a range of SpO2 technologies and sensors from Philips, Masimo,® and Nellcor.

General

- 30.5cm (12) color SVGA monitor display with 4 or 6 waveforms is bright and easy to read.

ii. Philips Mp 70

Features

- Smart prioritization of patient information
- Portal technology uses Philips Tunneling Control Engine to prioritize physiologic measurements, monitoring information, and alarm notifications - regardless of the amount of network traffic.
- IntelliVue offers uninterrupted patient monitoring to help reduce the risk of system overload or additional network connections.
- Touchscreen operation makes many functions accessible through simple, one-touch commands. (Touchscreen is available on MP70 only.)
- IntelliVue comes with 10 pre-set screen configurations.
- 38cm (15") color XGA monitor display with 4, 6 or 8* waveforms is bright and easy to read



iii. Drager Infinity Gamma XL Patient Monitor

Features:

- Compact and portable with Drager's patented Pick and Go technology.
- Standard parameters include ECG, basic arrhythmia, Respiration, pulse rate, temperature, noninvasive blood pressure and SpO2.
- Seamless wired-to-wireless networking ensure data acquisition is consistent with no gaps or interruptions.

Displayspecifications:

Type : Thin Film Transistor-Liquid Crystal Display Active Matrix (TFT-LCD)

Size : 21cm (8.4 in.) diagonal

Resolution : 640x480 pixels





iv. Nihon Kohden BSM-5106A Patient Monitor

The Nihon Kohden BSM-5106A is available professionally refurbished from Avante Health Solutions. Featured parameters include SpO2, ECG, CO2, NiBP, Resp, IBP, Temperature, C02, FIO2, and Recorder I Printer. For more information on this monitor, including related parts and professional services, contact an Avante representative today.

I. Defibrillator i. Philips Heartstart MRx Defibrillator

- Benefits:-
- The first CPR measurement and feedback technology in an ALS Monitor /defibrillator.
- Monitoring Capabilities
- Q-CPR™ Measurement and Feedback, optional
- Monitoring through defibrillation pads
- 3- and -5 Lead ECG monitoring through electrodes
- ST/AR Basic™ arrhythmia detection
- FAST-SpO 2 (Fournier Artifact Suppression Technology), optional
- Noninvasive Blood Pressure (NBP), optional
- Microstream® Capnography (etCO2), optional
- Therapies:-
- SMART Biphasic waveform
- Manual mode with shock delivery through defibrillation pads or paddles
- AED mode
- Synchronized cardioversion
- Noninvasive pacing, optional
- Features:-
- Adjustable ECG size and autogain
- 8.4 inch (diagonal), 4-wave color display, largest in its class (Optional)
- 12-Lead data transmission
- Data collection and event summary
- Strip chart printer



ii. Philips Heartstart XL Biphasic Defibrillator



Features:-

- Manual and AED operation
- ECG monitoring with pads or electrodes
- Selectable limits and alarms
- 50 mm strip chart printer

Benefits:-

- SMART Biphasic Technology
- Philips patented SMART Biphasic waveform is clinically proven superior to high-energy, monophasic waveforms for efficacy and form in minimizing post-defibrillation heart dysfunction. 1,2,3

Quick Charging:-

- Charges to highest energy level, 200 Joules, in less than 3 seconds.
- Synchronized Cardioversion. Philips' SMART Biphasic waveform has undergone clinical testing, demonstrating its effectiveness for cardioversion of atrial fibrillation.

iii. Zoll M Series Defibrillator

Feature:

- Zoll M Series upgrades provide maximum performance and flexibility in every product with add-ons designed to perform to your exacting standards.
- 12-Lead ECG is available in standard analog for fax transmission or digitally for real-time transition with virtually any available communication technology.
- Pulse Oximetry / SpO2 uses Masimo SET® signal processing technology for accurate measurements in the presence of motion, high ambient light and low perfusion and when pacing.

Zoll's M Series Defibrillator Models :

- BLSAED
- Basic Manual Defibrillator
- ACLS Manual / Advisory Defibrillator
- Universal AED/ Manual Defibrillator
- Critical Care Transport (CCT)



Surgica Equipment



1. Cautery Machine

i. ValleyLab Force-FX Cautery Machine

UNIQUE FEATURES OF THE FORCE FX TMELECTROSURGICAL GENERATOR

Compatible with and used as the electrosurgical energy source for

- Dyonics* Control RF arthroscopic ablation system
- Dyonics* Electroblade™ rotary resection system
- CookVascular Perfecta™ EDSpacemaker lead extraction system
- Compatible with, and the exclusive electrosurgical generator for, the Computer Motion Hermes™ Voice Command System
- Three internal microcontrollers reduce system reaction time and increase the system's processing speed
- Spray coagulation voltage of no more than 9000 volts peak-to-peak output for broad, but superficial coagulation with limited capacitive coupling
- A Power Efficiency Rating (PER) of approximately 98 for accurate and consistent cut performance
- Three cut modes, all controlled by Instant Response™ technology, offer surgeons a variety of choices
- Low Cut for delicate tissue or laparoscopic cases
- Pure Cut for a clean, precise cut
- Blend for cutting with hemostasis
- Four coag modes
- Three bipolar modes



ii. Olympus ESG-300 Electrosurgical System

Feature:

- Full range of monopolar, bipolar and argon plasma coagulation modes
- Touch screen
- Intuitive memory function
- Customizable procedure settings
- Foot switch recognition
- Independent generator or compatible with Argon Plasma Generator
- Compatible with devices used for endoscopic therapeutic procedures in GI and pulmonary

Benefits :

- Perform endoscopic procedures including Argon Plasma Coagulation
- Choose settings easily
- Find your preferred settings easily
- Several settings can be arranged into a procedure
- Plug & Play once attached
- Provides effective use in therapeutic procedures including those requiring Argon Plasma Coagulation
- Provides flexibility in GI and pulmonary procedures





phkERBE Electrosurgery Cautery



Feature:-

- Precise power output adjusted to the individual indication
- New and improved CUT and COAG functions
- Variable configuration with socket modules
- ReMode function: "remote control" via the handle or foot switch straight from the sterile field
- Erbe VIO300 and 200 S generator modules offer automatic power adjustment for all control technologies.
- Voltage control for gentle, reproducible cutting and coagulation
- Arc control for high-energy cutting or coagulation and for cutting under water
- Power control to maintain constant power levels during coagulation and devitalization.

2. Integra® DUO LED Surgical Headlight System

- Whiter Light: Enables truer natural appearance of tissue with pure, white LED light.

Greater Color Consistency: Allows for critical differentiation of tissues even at periphery of light field.

- 20% Whiter Light: Enable truer natural appearance of tissue with pure, white LED light.
- 28% Greater Brightness Consistency: Reduces light fall-off and preserves anatomic visualization.
- 3x Greater Color Consistency: Allows for critical differentiation of tissues even at periphery of light field.





AMRAMED[®]
TECH Pvt. Ltd.

Wholesale Supplier

A to Z Hospital Equipment and
Surgical Products B to C



Certified Register

Laproscopy Surgery *Equipment*



1. Stryker 1488 Laproscopy Camera



Specification:

- High quality 1920x1080 pixels image resolution.
- Comes with nine specialty settings, depending on use.
- Camera gives best possible colour resolution and brightness.
- Resolution 1920x1080p
- Image Sensor 1/3 CCD

Feature:

- HD Camera Hub.
- a Camera Head.
- SDI Video Cable.
- Medical grade universal power cable.

2. Stryker 1588 Laproscopy Camera

Specification:-

- Delivers a high definition, standardized solution designed to improve patient.
- Safety26' IPS Alpha panel with LED backlight.
- 16:9 aspect ratio.
- 1920x1080 native resolution.
- 9 preset specialty settings.
- On-screen user interface with shortcut keys.

FEATURES:-

- High-definition camera system designed.
- 9 dedicated surgical camera.
- 5 advanced imaging modalities: ENV, IRIS, Clarity, DRE and DESAT.
- 1588 Advanced imaging modalities (AIM) platform.
- 8.4 inch (diagonal), 4-wave color display, largest in its class
- (Optional) 12-Lead data transmission
- Data collection and event summary
- Strip chart printe



3. Karl Storz Image 1 HUB Camera With H3Z Head



Product Specification : Camera Type - Endoscopy, Laparoscopy

Product Description:

The IMAGE 1 HD family constitutes the backbone of the KARL STORZ FULL HD Imaging System. With 1,920 x 1,080 resolution and progressive scan, the camera control unit (CCU) guarantees a lag-free image and natural color reproduction. The unique combination of ease-of-use and excellent image quality ensures time-efficiency and maximum patient safety, marking a new milestone in the evolution of endoscopic imaging.

4. Olympus OTVS190

Key Benefits

1. High-resolution HDTV imaging capability provides the optimal image for a wide range of surgical procedures with both rigid and flexible endoscopes.
2. Full support for the World's First HIGH-DEFINITION Flexible Cysto-Nephro Videoscope, the CYF-VH, for a crystal clear view of the bladder and kidneys.
3. Structure enhancement: an imaging processing technique that electronically emphasizes the detailed patterns and edges of an image to increase sharpness.
4. Noise Reduction Technology reduces the appearance of noise on all Olympus Videoscope.
5. 1080p Video, DVI, HD-SDI, and analog video outputs provide flexibility to integrate Olympus with existing equipment without compromising performance.
6. Patented Narrow-Band Imaging (NBI) is now brighter when compared to previous Visera models.



5. Gastroscope GFH190N

Ultra-slim gastroscope with high-definition image quality and optimized insertion tube designed for transnasal endoscopy, stricture applications and pediatric patients.

- Ultra-slim diameter: eases insertion for narrow lumen applications.
- HDTV image quality: HDTV image quality and NBI for improved observation ability both in close and mid to long distances - thanks to new image sensor, new imaging and illumination optics.



6. EVIS X1 Video Colonoscope

Easy-to-operate routine adult colonoscope that effectively supports detection, diagnosis and endoscopic therapy.

- HQ image quality combined with TXI (Texture and Color Enhancement Imaging) supports better visibility of inflammation and potential lesions.
- Dual Focus and NBI (Narrow Band Imaging) empower optical diagnosis with high confidence.
- ErgoGrip provides an easier and more convenient handling compared to previous models.



7. DIEGO ELITE - the Olympus Rhinology Shaver System

The DIEGO ELITE Multidebrider is a multipurpose ENT shaver system designed to offer surgeons improved choice on how to perform surgeries while at the same time offering features aimed at improving surgical efficiency

Touchscreen Console

- Intuitive and simple handling.
- Blade ID recognition with predefined optimal setting.
- Dedicated suction unit.

Reusable Handpieces . Suction Tubing

- Toggle Stop:
- One touch to have the blade's window fully open/closed, avoiding undesired tissue engagement or having a suction in your hand



3. Bubble Cpap

The bubble generator includes an overflow container that can be detached to remove excess water from the system, without disrupting delivery therapy

Bubble Cpap Component

- Humidifier
- Control And Display Panel
- Heater Plate
- Finger Guard
- Color Plate Socket
- Humidification chamber
- Pressure Manifold
- Inspiratory limb
- Expiratory limb



4. MR850 Fisher & Paykel Humidifier



Product Description:

The MR850 Heated Humidifier together with the Auto fill Chamber and RT series breathing circuits complete a system which is unmatched in terms of humidity performance and patient tolerance to oxygen therapy.

Features:

One button selects optimal temperature and humidity levels for adult, pediatric and neonatal patients Easy set up with simple controls and an easy to read display

5. Pulse Oximeter - i. Nellcor Pulse Oximeter

Product Specification:

Battery Type - Lithium AA

Screen Size - 88.9 mm (3.5 in.), measured diagonally

Model - PM10N

Display - TFTLCD white LED backlight viewing cone of 60 and optimal viewing distance of 1 meter

Brand - Nellcor

FEATURES:

- Supports a robust data set, including real-time SpO2 and PR values, SatSeconds alarm management, pleth waveform, blip bar and tabular trend data-Nellcor™ advanced signal processing technology delivers reliable operation even in difficult monitoring conditions
- LoSat expanded accuracy range (60% to 100% SpO2) when used with Nellcor™ adhesive sensors with OxiMax™ technology
- 80 hours of data storage capability





6. Infusion Beyond Pump



Features of Beyond Infusion Pump BYS-820 With HD LCD Display

- HD LCD Display, high capacity words, friendly user interface, dynamically display working status.
- Audible and visual alarm for occlusion, empty, low battery, end of infusion, door open, wrong setting, etc., which gain patents;
- Compatible with any brands of infusion sets after correct calibration
- KVO (keep-vein-open) automatically opens as infusion is completed, KVO rate is 3ml/h
- BYS-820D can store 2000 pcs of infusion records and it has a drug library.

7. Beyond Syringe Pump

Product Description:

1. Three working modes: rate mode, time-volume mode, dosage-weight mode.
2. Unique Human Voice Alarm system and accurate injection rate make the injection process safer and more reliable.
3. Have store many brand syringes, Automatically calibration and compatible with any brand of syringes.
4. Large LCD screen displays working status.
5. KVO and Bolus function



Neurosurgery Department

i. Microscope : i. Leica M520 N Microscope



The Leica M520 OH3 is a surgical microscope for use in neuro, spine, and ENT applications. It is equipped with innovative Leica Microsystems technologies such as the M520 optics, OptiChrome, and Leica DI C500 which help improve the device's reliability and service life, as well as user comfort. The M520 OH3 is provided with Leica's OptiChrome technology and the Leica M520. The OptiChrome and Leica M520 enable the surgical microscope to increase the working distance, provide greater depth of focus, and emit brighter illumination. The ergonomically designed Leica surgical microscope is compatible with an IGS system that includes a dual imaging system. Using the Leica DI C500, the surgical microscope allows the surgeons to input data from external sources such as MRI, CT, IGS, and endoscopes. These proven Leica technologies are combined with the ergonomic design, user-friendly features, enhanced balance and movements to improve the overall surgical workflow.



ii. Leica M500N OHS-1

Product specification:

- Brand : Zeiss
- Weight : Approx 285 kg (complete with DPMI)
- Working range : 200-420mm
- Main Binocular tube : Inclinal 0-180deg with 10X/21Beyepieces
- Line Protection : Automatic Circuit Breaker
- Line Frequency : 50-60 Hz
- No. of Wheels : 4
- Line Voltage : 115/230 V+ -10%
- Power Consumption : WOOVPowerA

Product Description :

We Bring forth vast industrial Experience and expertise in this business, involved in offering a high -quality range of Zeiss NC-4 Microscope

iii. Zeiss NC-4 Surgical Microscope

Product specification:

- Brand : Zeiss
- Weight : Approx 285 kg (complete with DPMI)
- Working range : 200-420mm
- Main Binocular tube : Inclinal 0-180deg with 10X/21Beyepieces
- Line Protection : Automatic Circuit Breaker
- Line Frequency : 50-60 Hz
- No. of Wheels : 4
- Line Voltage : 115/230 V+ -10%
- Power Consumption : WOOVPowerA

Product Description:

We Bring forth vast industrial Experience and expertise in this business, involved in offering a high -quality range of Zeiss NC-4 Microscope





iv. Kefurbish Zeiss opmi Pentero 800 Neurosurgical Microscope

Standard and optional features:

Apochromatic optics:

- Motorized focus; Varioskop with working distance 200-500 mm
- Motorized zoom; 1:6 zoom ratio
- IOx magnetic widefield eyepieces with integrated eyecups

Illumination:

- Superlux 330 light source with 2x300 W xenon
- Automatic Iris Control for adjusting the illumination to the field of view
- Focus Light Link: working distance controlled light intensity

Operation:

- Magnetic clutches for all axes
- Touchscreen user interface
- Autofocus with 2 visible laser dots, automatic mode with magnetic brakes

Setup:

- AutoBalance
- Mouth switch fine balance

Video:

- 22" HD video touchscreen on extendable arm
- Integrated 3-CMOS HD video camera
- Integrated SD or HD video recording and editing

Intraoperative fluorescence:

- BLUE400
- INFRARED 800
- YELLOW560



v. Zeiss S88 Microscope



Technical Specification:

S88/OPMI Vario

Magnification : Motorized Zeiss zoom, 1:6 ratio and adjustable via handgrip or foot control panel

Focusing Varioskop : Internal, motorized, continuously variable, adjustable via handgrip or foot control panel.

Working range : 200-415mm

210- 535 mm with auxiliary lens (optional)

Main binocular tube : 180° Tiltable tube, f= 170 mm or f= 200 mm, IOx or 12.5x widefield eyepieces-

- Foldable tube f170/f 260, including PROMAG™ function for additional 50% magnification and integrated rotate function (optional)
- Illumination Superlux® 180 for main and backup

Illumination : 180W xenon lamp with daylight color

temperature, backup lamp in fast-action lamp changer

Suspension systems:

S88 Floor Stand : Rigid Column: 1880 mm Lifting Column:

1880- 2410mm

S81 Ceiling Mount : Fixed Height Column: approx. 225 kg (with OPMI)



Ophthalmology Department

I. Zeiss Opmi Lumera 700 Microscope

Surgical microscope

- Motorized zoom system with apochromatic lens, zoom ratio 1:6
- Focusing: electric / motorized, focus range: 70 mm
Objective lens: f=200 mm (optionally also f=175 mm or f=225 mm with support ring)
- Binocular tube: Invertertube E (optionally also Invertertube, 180° swivel tube, f=170mm, inclined tube, f=170mm)
- Wide-angle eyepiece 10 x (optionally also 12.5 x)

Light Source

- LED fiber-optic illumination:
- Near-daylight color temperature
- HaMode filter
- 25% gray filter
- Blue blocking filter
- Optional: Fluorescence filter

XY coupling

- Travel range: max. 61mm x 61mm
- Automatic centering at the touch of a button
- ZEISS intraoperative OCT
- OCT engine
- SO (spectral domain) OCT
- Wavelength 840 nm
- Scanning speed 27,000 A-scans per second
Scan parameters
- A-scan depth: 2.9 and 5.8 mm in tissue
- Axial resolution: 5.5 pm in tissue
- Scan length adjustable 3-16 mm
- Scan rotation adjustable 360°
- Scan modes for live and capture acquisition

Live: 1-line Capture: 1-Line
5-lines 5-lines
crosshair cube

ZEISS CALLISTO eye panel PC

- Touchscreen - Projected Capacitive Touch (PCT) with anti-reflective coating, scratch-proof
- Processor - Intel Core i5 6442EQ 1.9 GHz



ii. Zeiss Opmi Visu 160 Microscope

The S7 floorstand, winner of the prestigious European red dot award for design quality, and its counterpart, the S7 ceiling mount.

Surgical microscope

- Apochromatic optics with T*anti-reflex multi-coating
- Motorized zoom system. Zoom ratio 1:6, $y=0.4$ to 2.4
- Focusing range: 50 mm
- DeepView: Depth offield managment system

X-Y coupling

- Adjustment range 40 mm x 40 mm

Illumination

- BrightFlex™ illumination: 6° illumination, continuous fading; +2° illumination for red reflex
- Vertical: width 2.5 mm
- Horizontal: width 2.5 mm and 5 mm, movable
- Integrated 408 nm UV cut-off filter
- Swing-in GG475 filter to reduce blue portion
- Scleral glare reduction filter
- Fiber light guide
- Halogen light source (12V, 100W)
- Automatic exchange following bulb failure
- Optional: swing-in fluorescence filter in suspension system

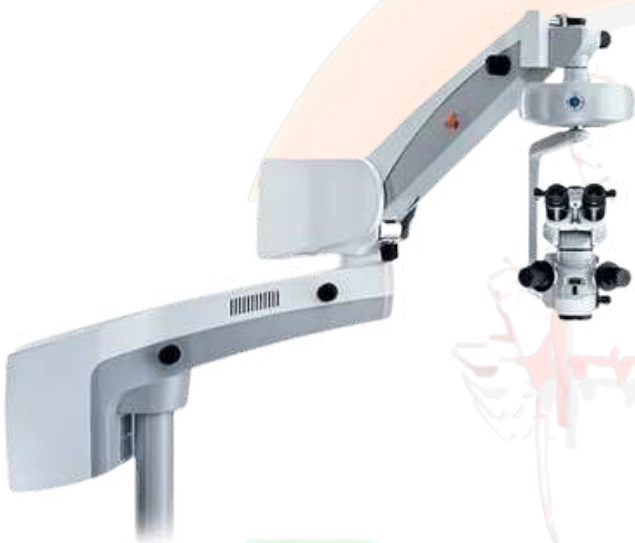
Optical systems:

Objective lens (mm) : f=200mm f=175mm f=200mm
f=175mm

Eye piece : -10x 10x 12.5x 12.5x

Total magnification 4- : 3.4x- 20.4x 3.9x- 23.3x 4.3x- 25.5x
4.9x- 29.1x

Field of view diameter* (10.0 - 60.6) mm (8.6-51.8)mm
(7.5 -45.3) mm (8.8 - 53.0) mm



iii. Leica M844 Microscope on F40 Stand



Combining a higher level of optical quality than ever before with the best technologies of today's surgical microscopes, the Leica M844 truly redefines the premium class of ophthalmic surgical microscopes. The Leica M844 is the microscope you must see! Crisp and sharp! Leica's APO OptiChrome™ M844 Optics provide the highest resolution to see even the smallest anatomical details. e e F F Same perfect view, same perfect light! Leica's QuadZoom™ gives both the surgeon and assistant 100% of the illumination and the same magnification. . . Safety for the patient, fatigue-free viewing for the surgeon! Leica's exclusive direct illumination system offers the best clarity, contrast and colour at safe low-light levels.

Microscope:

- Magnificationchanger - PO-Zoom 6:1, motorized, with 4separatebeam paths
- Magnification - 3.5* - 21*(WD175 mm, 10* eyepieces)
- Field diameter - 7 mm -80 mm
- Working distance - 175 mm, 200 mm and 225 mm
- Focus range - 54 mm, motorized, with automatic reset
- Eyepieces - Wide field eyepieces for eyeglass wearers (8.33*, 10*, 12.5*)
- Dioptric setting +/-5 with adjustable eye cup
- Objectives - Leica OptiChrome™,WD175mm, APO
- Leica OptiChrome™, WD200 mm, APO
- Leica OptiChrome™, WD 225 mm, APO, (WD=working distance)
- Illumination:
- Quick-change - lamp mount With two 12 V/ 50 Whalogen lamps
- Filters - IR-barrierfilter, UV-barrier filter,two built-infilter holdersfor optionalfilters
- Balancing - Continuously adjustablegas spring
- XY-unit - Motorized, movement range 50 * 50 mm, with automatic reset
- Controlunit - Two-in-one display, control and video display in one. The latest electroniccontrolforthe continuousmonitoringof all motor functionsand the light intensity. Data shown by means of LCD, with adjustablecontrastand brightness. Operation by modern touch-panel control. 1SUSTM Intelligent SetUp System, menu selection based on unique softwarefor user-specific configuration, with built-inelectronic auto-diagnosisand user support. Open architecture for future software developments.
- Wide-angle - Leica RUV800, BIOM observation
- Binocular tubes - Binocular tubes with variable angles:0°-180°, 30°-150°, 10°- 50° UltraLow™ III, 10°- 50°, 5°- 25°, and inclined angle 45°

Ophthalmology Department

1. JONTE Fractional Co2 Laser



Increased Safety & Increased Comfort & Decreased Downtime

- Jonte fractional laser series use imported core components plus top technology. The graphics are more standard, the dots are -3 smaller, and the arrangement is more uniform, better clinical results.
- The machine power reaches 40W professional medical level. In order to prevent laser accidental injury, the inside is equipped with protective devices, which can also increase the life of the laser device.
- Each tiny fractional column re-epithelializes typically within one day. This minimizes the risk of scarring, infection, or long-term pigmentation changes.

2. 3D Yag Trippie Wave Diod + Picosure

Specification

Power Spot Size
Wavelength
Energy Density
Pulse Frequency
Pulse Duration
Pulse Delay
Laser Bars /Lamp
Cooling Level
Display
Stand By Working
Electrical
Net Weight
Packing Dimension

Diod Laser

600W/12*12mm
808nm 755+1064+808nm
1-120 J/ cm²
1-10Hz
10-400 ms
1
DS Coherent Bars
Integrated Cooling
10.4 inch true color LCD touchable Screen
Continuous stand by working for 10-12 hours
220v/50v
60 kg
68*55*120cm(w*d*h)



3. Episheer cool (Diod Laser 755+1064+808 nm)



Specification

Frequency
Machine Power
Handle Power
Laser Wavelength
Crystal
Energy Density
Security Controls
Cooling System
Head Size

Diod Laser

1Hz~10Hz
2500 w (Max)
1000 w/ 1200 w
808+755+1064
Saphire
Max: 1-120 J/ Cm³
Real Time Online
Water Cooling, TEC
15*17mm/ 15*28 mm

Add Accessories: Handle, Handle Support, Goggles, Power Cord, Key, Screws, Filter, Funnel, Fuse, Pedal a little bit of body text



4. Wavelength

Specification

Power Spot Size

Wavelength

Energy Density

Pulse Frequency

Pulse Duration

Pulse Delay/Laser Bars/Lamp

Cooling Level

Display

Stand By Working

Electrical

Weight

Packing Dimension

Diod Laser

600W12*12mm

808nm 755+1064+808 nm

1-120 J / cm²

1-10 Hz

10-400 ms

US Coherent Bars

Integrated Cooling

10.4 inch true color LCD touchable Screen

Continuous stand by working for 10-12 hours

220v/50vNet

60 kg

68*55*120cm (w*d*h)



5. Trixel Glass Tube Co2 Fractional Laser



- Fractional Co2 Laser for skin rejuvenation and scar removal
- Normal Co2 Laser for Surgery Operation Vaginal Treatment For Vaginal Tightening

6. 308 nm Excimer laser



Product Specification:

Brand -VSmart

Wavelength -308

Product Description : Advanced treatment for vitiligo, Psoriasis, Pityriasis rosea, Eczema