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THE COMPANY

ASHCOTT LIMITED is a private limited company owned by the Jasani Family who have been in the medical and pharmaceutical manufacture and distribution in East Africa since 1955.

ASHCOTT is a leader today in the distribution of medical equipment and consumables within the region, specializing in architectural systems, anaesthesia, cardiology, emergency medicine, intensive care, medical gas pipeline, maternity, neonatology and surgery.

ASHCOTT has a large installed base of medical equipment in East Africa which is supported by an experienced trained service department.

ASHCOTT has offices in Nairobi and Mombasa, Kenya; Dar-es-Salaam, Tanzania, Kampala, Uganda and London, England.

ASHCOTT dedicated to providing our customers with a high standard of equipment at very competitive prices

Some of our Customers

AMREF, Flying Doctors Service
Kenyatta National Hospital (KNH), Nairobi
Muhimbili National Hospital, Dar-es-Salaam
Mulago Hospital, Kampala

Mnazi Moja Hospital, Zanzibar
Killimanjaro Chritian Medical Center (KCMC), Moshi
The Mombasa Hospital, Mombasa
The Nairobi Hospital, Nairobi

St.Mary's Hospital Lacor, Gulu
The Aga Khan Hospital, Dar-es-Salaam
The Aga Khan Hospital, Mombasa
The Aga Khan University Hospital, Nairobi

Muhimbili Orthopeadic Institute, Dar-es-Salaam
International Hospital, Kampala
Regency Medical Center, Dar-es-Salaam
Shree Hindu Mandal Hospital, Dar-es-Salaam
MISSION STATEMENT

To provide and assist to improve medical care through sale and manufacture of the highest quality and technologically advanced appliances, instruments, equipment and consumables at an affordable price;

To direct our growth in the areas of supply, installation, service and training on medical equipment and accessories where we display maximum strength and ability; to gather people and facilities that tend to augment these areas; to continuously build on these areas through education and knowledge assimilation; to avoid participation in areas where we cannot make unique and worthy contributions.

To strive without reserve for the greatest possible reliability and quality in our products; to be the unsurpassed standard of comparison and to be recognized as a company of dedication, honesty, integrity, and service.

To assist the medical profession in improving their patients’ lives through diagnosis, prevention and treatment by providing products for them to use effectively.

To make a fair profit on current operations to meet our obligations, sustain our growth, and reach our goals.

To recognize the personal worth of employees by providing an employment framework that allows personal satisfaction in work accomplished, security, advancement and opportunity,

To meet the company’s objectives and obligations with due consideration for others and the environment in which we live;

To maintain good citizenship as a company.

Mt. Kilimanjaro, Tanzania – The highest mountain in Africa
COMPANIES REPRESENTED

ASHCOTT is an exclusive distributor for the following manufacturers:

BIOTRONIK is a leading European company in the field of biomedical technology. Biotronik’s main focus is on the business sectors of electrotherapy of the heart and vascular intervention. Their products help physicians to save lives and to improve patients’ quality of life.

Cardiac Science Corporation (CSC) originally formed by the merger of Cardiac Science, Inc. and Quinton Cardiology Systems in September 2005 is Cardiac Science is a global medical device company and a subsidiary of Opto Cardiac Care Ltd. CSC is a global leader in therapeutic cardiology products and services to help save lives. CSC’s products are innovative and patented defibrillators including AEDs that provide assistance to victims of sudden cardiac arrest for both medical and public markets. Products Powerheart® brand names

Brandon Medical is an award winning, UK medical technology company with 65 years of healthcare experience. Specialising in medical lighting products, operating theatre lights, medical video and medical AV systems. The range of medical lighting includes mobile operating theatre lights. Brandon manufactures medical AV systems, operating theatre control panels and isolated power systems.

Established in 1830 Eschmann's expertise and superior quality equipment is trusted by medical professionals the world over. Eschmann is a market leader in the design and manufacture of high quality Operating Tables, state of the art Electrosurgery Units, high performance Surgical Suction units, Benchtop Autoclaves and Surgical Trolleys. Eschmann was acquired in February 2014 by STERIS Corporation, and is now a subsidiary of Steris.

Fresenius Vial SAS, is the leading European provider of a broad range of infusion pumps for critical care clinical fluid delivery. The product offering spans small volume parenteral to high volume enteral applications.

Huntleigh Healthcare designs and manufactures an extensive range of non-invasive healthcare devices and instrumentation for medical applications used in Intensive Care Units to Homecare. Part of the Getinge - ArjoHuntleigh, Huntleigh Healthcare is globally recognised for quality products, which include brands such as Sonicaid, SmartSign patient and vital sign monitors.
Integra, is a world leader in regenerative medicine. Integra product’s primary applications are neuro-trauma, neurosurgery, plastic, reconstructive surgery and general surgery.

Integra also makes the innovative tissue repair products, DuraGen® Dural Graft Matrix, the DuraGen Plus® Dural Graft Matrix, the NeuraGen® Nerve Guide, the INTEGRA® Dermal Regeneration Template, and the INTEGRA™ Bilayer Matrix Wound Dressing, which incorporate the Company’s proprietary absorbable implant technology.

The surgical instrument product lines are used in virtually all surgical disciplines, including general, plastic and reconstructive, neuro, ear, nose and throat, cardiovascular, ob-gyn, and ophthalmic surgical procedures.

LINET Ltd. is a leading manufacturer and worldwide distributor of hospital beds. Since 2011 its business is being overseen by LINET Group SE in the Netherlands. With a yearly production of more than 66,000 beds and sales in over 100 countries, the Group is a clear leader on the European market. The company’s long-standing success is above all based on its innovations, which help define the standard of quality in modern medical care.

Wissner-Bosserhoff Group is a subsidiary of Linet Group SE, based in Wickede, Ruhr, Germany. The factory specialises in retirement homes and residential care furniture.

MIR - Medical International Research - was established in 1993 and it is now considered a global partner able to promote innovation and to be a landmark thanks to its advanced technology, software and Telemedicine application. The Company’s mission has always been to develop highly innovative portable diagnostic devices for the global market, which are protected by international copyrights and patents.

MIR offers a wide range of products that function as minilabs capable of performing both Spirometry and Oximetry, including new diagnostic processes for sleep apnea. User-friendliness makes all our devices ideal for both specialists and family doctors.

Medin Medical Innovations, located in Munich (Germany), focuses on nCPAP products in non invasive therapy for premature babies, newborns, pediatric and adults. All Medin products are patented or registered designs and already field-tested around the world. Medin’s wide product range includes products and developments, services & training, production of drivers, blenders, masks and prongs, patient circuits and active and passive generators for CPAP therapy.
Metro, a subsidiary of Emerson Inc., is a manufacturer of carts and storage products. Metro’s healthcare division provides crash carts, anaesthesia and other specialised trolleys as well as store shelving and the innovative custom designed Starsys™ work centre, storage and shelving products.

Mortara Instrument, Inc. was founded 30 years ago and today is a recognized technology leader in the world of ECG. Mortara’s global headquarters is located in Milwaukee, Wisconsin with operations in Australia, Germany, Italy, the Netherlands, and the United Kingdom. Mortara is distinguished in the field of non-invasive cardiology for innovations that are the core of the company’s complete line of ECG products including electrocardiographs, stress exercise systems, Holter systems, data warehousing solutions, and cardiology monitoring systems. The company manufactures and distributes its ECG devices and related technologies worldwide. Mortara’s market leadership is a result of its substantial investment in R & D which has fueled the introduction of many new Mortara products uniquely positioned to benefit customers in their everyday use of diagnostic ECG devices.

On 29th March 2013 Mortara Instrument bought Cardiac Science Corporation’s Diagnostic Cardiology product line of the well-known Burdick and Quinton brands and associated products. Over 100 years, Burdick and Quinton have established themselves as leaders in diagnostic cardiology. Quinton’s cardiac stress exercise and rehabilitation products are widely recognized as best-in-class, while the name Burdick is synonymous with ECG in primary care.

Spacelabs Founded in 1958 by two scientists, Ben Ettelson and James A Reeves, the company developed cardiac monitoring and telemetry systems for NASA. These were used to monitor astronauts’ vital signs in the early Gemini and the following Apollo space missions. During the 1960s, Spacelabs continued its relationship with NASA culminating in Neil Armstrong wearing Spacelabs medical telemetry for the first moon landing in 1969. With it’s headquarters in Snoqualmie, WA, U.S.A, Spacelabs Healthcare develops, manufactures, sells, and services medical equipment. It is a wholly owned subsidiary of OSI Systems (NASDAQ/OSIS) of Hawthorne, California. The company offers products and services from three divisions: patient monitoring and connectivity, anesthesia delivery and diagnostic cardiology. Its’ headquarters are in Snoqualmie, WA and it employs over one thousand people around the world. Spacelabs has sales and service subsidiaries in eleven countries and is represented in over one hundred and twenty countries.
STERIS is a global leader in infection prevention, contamination control, surgical and critical care technologies, and more. While the corporation was founded as Innovative Medical Technologies in 1985 and renamed STERIS in 1987, their history dates back to 1894 with the founding of American Sterilizer Company (AMSCO), a long-time, global leading innovator of sterilization products. Today, STERIS holds one of the broadest portfolios of products in the industry. It stands at the forefront of efforts to prevent infection and contamination in healthcare and pharmaceutical environments, and is broadening its products to meet the needs of defence and industrial markets.

STERIS includes Albert Browne and Eschmann, two English subsidiaries.

The 37Company is a leading European company in the field of hypothermia and offers a complete range of innovative solutions for patient temperature management.

Weinmann is a family-owned and operated business committed to diagnostic, therapeutic and life-saving technologies in medicine. Weinmann’s product range covers emergency medicine and home care ventilations for both long term therapy as well as for sleep apnea.

ZOLL Medical Corporation, a leader in medical products and software solutions, helps responders manage, treat, and save lives in emergency rescues and in hospitals; outside the hospital while at work or home; in doctors’ and dentists’ offices and schools; in public places and on the battlefield. ZOLL’s products contribute to managing patient care and savings lives, as well as increasing the efficiency of emergency medical, fire and hospital operations around the globe.
PRODUCTS

Our Products have been divided into the following categories:
1. Public Safety
2. Non-Invasive Diagnostic Devices for Clinics (cardiology, vascular, diabetes, spirometry)
3. Infection Control and Dental Decontamination
4. Ambulance, Accident & Emergency
5. Intensive Care & High Dependency
6. Operating Theatre
7. Labour, Delivery & Maternity
8. Neonatal Intensive Care
9. Nursery
10. Hospital Based Cardiology (diagnostics and invasive devices – pacemakers, ICD CRT...)
11. Home Care & Sleep Apnea
12. Ward Equipment
13. Medical Gas Management
15. Field Equipment (Military, Refugee Camps, Rescue etc...)
16. Accessories & Consumables
The **POWERHEART®** AED G3 Plus

Our flagship automated external defibrillator, complete with RescueCoach™ and CPR metronome to pace chest compressions

The Powerheart® AED G3 Plus is the flagship Cardiac Science automated external defibrillator (AED) that features Rescue Ready®, RescueCoach™ and STAR® biphasic technology to make your rescue as simple as possible.

**Appropriate Locations**
- Work places
- Transportation
- Sporting venues
- Schools
- Retail & hotels
- Recreation facilities
- Places of worship
- Any public place

**Code No.:** 9390A-1001 Powerheart AED G3 Plus Automatic with 2010 AHA/ERC Guidelines protocols

**Code No.:** 9390E-1001 Powerheart AED G3 Plus Semi-Automatic with 2010 AHA/ERC Guidelines protocols

Each AED package includes: (1) defibrillator, (1) IntelliSense battery (9146), (1) pair of defibrillation pads, and (1) Quick Start Tool Kit: includes Quick Start Guide, CDROM with AED Manual, Training Video, Rescuelink and MDLink, and serial communication cable

**TECHNICAL SPECIFICATIONS**

**5550-005**  
Ready Kit for Powerheart G3 AED  
This Ready Kit clips onto the carry bag of the Powerheart AED and provides key tools for responding to sudden cardiac arrest. The kit includes: nitrile gloves, razor, scissors, towel, 4" gauze, antiseptic wipes, one-way filter mask, and carabineer attachment.

**168-6000-001**  
Carry Bag for Powerheart G3 AED's  
This semi-rigid carry bag provides additional protection for your Powerheart G3 AED and makes it easy to grab the unit in a hurry. The large back pouch is perfect for storing extra electrodes and the shoulder strap is easily adjustable. In addition, the Rescue Ready indicator and pads’ expiration date are visible at all times. Fits all 9300 series AEDs

**50-00392-10**  
AED Wall Cabinet: Surface Mount  
This well constructed surface mounted AED wall cabinet provides a great way to store your AED in an easily accessible location. The AED sits inside the white cabinet with a see-through door

**180-2022-001**  
AED Wall Storage Sleeve  
This AED wall mounted storage sleeve is an economical and attractive AED holder which keeps your Automated External Defibrillator in an easily accessible location
DIAGNOSTICS
Microlife® WatchBP® office

Microlife® WatchBP® office, a clinical-validated, guideline based (WHO/ESH/AHA) office blood pressure measurement device
The Microlife WatchBP office device reduces time and burden of multiple measurements by automating the measurement procedure and calculating the average blood pressure value. Features like “First Visit™” and “Follow Up” mode perform multiple measurements at one push of the button. In addition, “First Visit” mode provides simultaneous inter-arm measurements for determining inter-arm differences during the first screening as recommended by WHO/ESH/AHA. When necessary, auscultatory measurements with stethoscope can still be taken using the “Auscultatory” mode.

BP A6 Plus Upper Arm Blood Pressure Monitor
- Blood pressure & pulse measurement
- Detection of atrial fibrillation (specific heart arrhythmia)
- Clinically tested (BHS protocol)
- MAM technology (automatic triple measurement)
- 99 Data memories per person/ 2 users
- XL-Display
- Traffic light indicator
- Preformed conical cuff cover
- Equipped with carrying bag
- Low battery indication
- Rechargeable battery; Mains adapter port
- Equipped with world’s latest technologies
  - Medically reliable measurements with AFIB & MAM

Burdick ELI® 280 Electrocardiograph
Touchscreen electrocardiograph with comprehensive features
TECHNICAL SPECIFICATIONS
The ELITM 280 Electrocardiograph with an easy to use 10.1” Touchscreen and optional wireless acquisition module (WAMTM), is an ideal no-nonsense ECG device. Its friendly touchscreen user interface and clear, readable colour display makes reading waveform data easy, and protocol choices streamline your workflow.

Burdick ELI® 250 Electrocardiograph
Full-featured and durable electrocardiograph with a range of connectivity options
Compact and lightweight, the ELITM 250c electrocardiograph provides comprehensive functionality, with 8.5 x 11” or A4 paper, in an easy-to-use, portable device. High-resolution color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.
Widely recognized Mortara resting ECG interpretation algorithm uses gender specific and adult and pediatric criteria to provide a silent second opinion for resting ECG interpretation.
ELI 250c automatically selects and displays the Best 10 seconds of ECG signal from the five minute segment of internal full disclosure, reducing clinical review time and eliminating the need for repeat ECGs.

AM12™, ELITM, E-Scribe™, VERITASM™, and WAMTM are trademarks of Mortara Instrument, Inc.
Quinton® Q-Stress Cardiac Stress Test System

Gold Standard in Exercise Stress Test

TECHNICAL SPECIFICATIONS

The Quinton Q-Stress is the hospital industry’s gold standard. Our cardiac stress test with treadmill system is the winner of multiple awards (most recently Frost & Sullivan’s Market Engineering Award). Quinton Q-Stress is now in its ninth generation.

HScribe® Holter Software

Enterprising Holter analysis solutions

Scalable Solution

HScribe™ 5 enables flexible system configurations to satisfy a full range of Holter monitoring needs, from simple to complex installations. Multiple HSCRIBE 5 workstations can acquire, review, and generate reports within a shared database. Customizable, electronic final reports can be manually or automatically exported to any networked destination.

Multiple Scanning Options

Retrospective, prospective, and superimposition scanning modes are supported to enable both traditional and advanced scanning options.

Advanced VERITAS™ Signal processing

Mortara’s VERITAS signal processing algorithms provide superior accuracy in beat detection, labeling, and noise rejection resulting in improved identification of events and rapid scanning of recordings.

Burdick® 4250 Holter Recorder

The Burdick 4250 Digital Holter Recorder provides high-quality 5- or 7-lead, 3-channel Holter recordings with an ECG signal preview screen. Fast data transfer using either a USB download cable or an SD card frees the recorder for immediate assignment to the next patient.
Ambulo® 2400

24-Hour ambulatory blood pressure monitoring for diagnosis and treatment of hypertensive patients

**24-hour Ambulatory Solution**
24-hour ambulatory blood pressure monitoring system offering state-of-the-art innovation, accuracy and reliability

**Highly Accurate**
Validated to stringent clinical accuracy standards including the British Hypertension Society, AAMI SP-10 and the global ISO standards.

**Trusted Technology**
Patented oscillometric technology, along with powerful Microsoft® Windows®-based software, enables comprehensive setup, collection, analysis, and documentation of blood pressure data.

**Actigraphy Option**
Automatic determination of asleep/awake cycles based on patented technology reduces reliance on diaries, and enables synchronization of before/after studies in clinical review.

**Full Disclosure**
Detailed reporting of blood pressure measurements over the circadian rhythm, as well as all events and errors.
Dopplex DFK – Diabetic Foot Kit

- Bi-Directional Doppler (MD2) and Probe (VPHS)
- Neuropen (includes 10g monofilament)
- Waterproof probes suitable for water birth
- Trigger operated sphyg with a range of latex free cuffs (arm/ankle, large and small toe)
- Educational DVD
- Hard carry case
- Set of guides (ABPI/TBPI)
- Headphones
- Box of Neuropen tips
- Dopper waveforms may be recorded with optional Reporter Software Package

The Diabetic Foot Assessment Kit provides the professional vascular or diabetes specialist with a system to help in the assessment of neuropathy, ischemic foot for diabetic patients, ankle brachial pressure index (ABPI) and toe brachial pressure index (TBPI).

The Ankle Brachial Index (ABI) is the ratio of the blood pressure in the lower legs to the blood pressure in the arms. Compared to the arm, lower blood pressure in the leg is an indication of blocked arteries (peripheral vascular disease or PVD). The ABI is calculated by dividing the systolic blood pressure at the ankle by the systolic blood pressures in the arm.

Dopplex ABPI – Ankle Brachial Pressure Index Kit

- Bi-Directional Doppler (MD2)
- High sensitivity widebeam EZ8 8MHz probe
- High sensitivity VP5HS 5MHz probe
- Large arm/ankle cuff
- Standard arm/ankle cuff
- Sphygmomanometer (quick release)
- ABI Guide
- Educational CD
- Large carry bag

The ABPI Kit contains all the items required to undertake a full ABPI assessment on regular or oedematous limbs and includes two Doppler probes and cuffs. The Easy8 probe helps to locate vessels and also maintain vessel contact during inflation and deflation procedures, and the VPS is ideal for oedematous limbs.

The Ankle Brachial Index (ABI) is the ratio of the blood pressure in the lower legs to the blood pressure in the arms. Compared to the arm, lower blood pressure in the leg is an indication of blocked arteries (peripheral vascular disease or PVD). The ABI is calculated by dividing the systolic blood pressure at the ankle by the systolic blood pressures in the arm.

Dopplex PAD – Peripheral Arterial Disease Kit

- Dopplex D900 non-directional Doppler
- High sensitivity widebeam EZ8 probe
- Standard arm/ankle cuff
- Sphygmomanometer (quick release)
- ABI Guide
- Educational CD
- Large carry bag

The PAD kit includes all the items required to undertake a basic assessment on patients at risk of arterial disease.
NEW - Revolutionising Ankle Brachial Pressure Index Measurements

ABIs are calculated easily and accurately in 3 minutes without the need to rest the patient. Results are automatically calculated, interpreted and displayed with Pulse Volume waveforms on the LCD panel. The test results can be printed on either thermal paper or adhesive backed label paper via the integral printer.

Clinically Proven

Recent studies undertaken by Lewis et al (2010) have shown:

- Good agreement between unrested Dopplex Ability and rested Doppler measurements
- Dopplex Ability measurement takes significantly less time than Doppler
- The need to rest the patient is eliminated by the simultaneous cuff inflation of Dopplex Ability
- Dopplex Ability has the potential to be used as a screening tool for PAD in primary care settings
- Dopplex Ability improves the whole patient experience
- Minimal training is required due to its ease of use

Product Details

- Integrated easy grip handle
- Integrated thermal printer (can be used with paper or label rolls)
- Clear display showing test status, numerical results, waveform and interpretation
- Simple user interface
- Colour coded, easy connect tubing

The Ankle Brachial Index (ABI) is the ratio of the blood pressure in the lower legs to the blood pressure in the arms. Compared to the arm, lower blood pressure in the leg is an indication of blocked arteries (peripheral vascular disease or PVD). The ABI is calculated by dividing the systolic blood pressure at the ankle by the systolic blood pressures in the arm.
Spirolab® III Desktop Spirometer

Highly portable Desktop spirometer
FVC, VC with breathing pattern plus MVV tests with real time curves.
High resolution color display (also available Black and White option). Simple icon based menu on the keyboard. PRE test and related POST test are shown superimposed. 6000 test memory and up to 8 tests on screen. Selectable language and predicted values. Customisable printout format. Connectivity: USB and RS232 (Bluetooth® optional).

Ideal for Screening
Spirolab III is a multitasking and versatile spirometer ideal for accurate and early diagnosis of respiratory diseases (like COPD and Asthma).
Spirolab III is easy to use for family doctors screening or pharmacy quick tests.

Oximetry option for a variety of tests
- Spot oximetry
- Bed side sleep oximetry with desaturation events recording
- Oximetry during exercise test

Exclusive pediatric incentive system
Amusing on screen paediatric incentive program which can be useful to help a child (or an older person) make a correct spirometry test.

Technical Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>Rechargeable battery and mains power</td>
</tr>
<tr>
<td>Temperature sensor</td>
<td>Semiconductor (0-45°C)</td>
</tr>
<tr>
<td>Flow sensor</td>
<td>Bi-directional digital turbine</td>
</tr>
<tr>
<td>Flow range</td>
<td>+/- 16L/s – Volume accuracy: +/-3% or 50ml</td>
</tr>
<tr>
<td>Flow accuracy</td>
<td>+/-5% or 200mL/s</td>
</tr>
<tr>
<td>Dynamic resistance</td>
<td>&lt;0.5cmH2O/L/s</td>
</tr>
<tr>
<td>Connectivity</td>
<td>USB and RS232 (Bluetooth® optional)</td>
</tr>
<tr>
<td>Display</td>
<td>FSTN graphic, 320 x 240 pixel</td>
</tr>
<tr>
<td>Printer/paper</td>
<td>Thermal, 112mm width</td>
</tr>
<tr>
<td>Mouthpieces</td>
<td>Dia 30mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.9kg</td>
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</tbody>
</table>

Measured Parameters
FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1/FIVC%, PIF, VC, IC, ERV, FEV1/VC%, VT, VE, RF, ts, te, t/tot, VT/ti, MVV

SpO2 Option Technical Specifications:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>SpO2 range</td>
<td>0-99%</td>
</tr>
<tr>
<td>SpO2 accuracy</td>
<td>± 2% between 70-99% SpO2</td>
</tr>
<tr>
<td>Pulse Rate range</td>
<td>30-254 BPM</td>
</tr>
<tr>
<td>Pulse Rate accuracy</td>
<td>± 2BPM or 2%</td>
</tr>
<tr>
<td>Sleep test</td>
<td>Rapid Desaturation Analysis &gt; 2.5 min. (ODI)</td>
</tr>
<tr>
<td></td>
<td>Prolonged Desaturation Analysis &lt; 5 min. (NOD)</td>
</tr>
<tr>
<td></td>
<td>% Bradycardia Duration (&lt;40 BPM)</td>
</tr>
<tr>
<td></td>
<td>% Tachycardia Duration (&gt;120 BPM)</td>
</tr>
<tr>
<td></td>
<td>% of Time with SpO2 ≤ 90% (T90%, T89%, T88%, T87%)</td>
</tr>
<tr>
<td>Exercise test</td>
<td>Baseline, exercise, recovery with dyspnea data entry</td>
</tr>
</tbody>
</table>

Ideal for Screening

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Spirolab III is easy to use for family doctors screening or pharmacy quick tests.

Oximetry option for a variety of tests
- Spot oximetry
- Bed side sleep oximetry with desaturation events recording
- Oximetry during exercise test

Exclusive pediatric incentive system
Amusing on screen paediatric incentive program which can be useful to help a child (or an older person) make a correct spirometry test.
**Spirometer technical specifications:**
- **Flow sensor:** bi-directional digital turbine
- **Flow range:** ±16L/s
- **Volume accuracy:** ±3% of 50mL, whichever is greater
- **Flow accuracy:** ±5% of 200mL/s, whichever is greater
- **Dynamic resistance at 12L/s:** <0.5cmH2O/L/s
- **Temperature sensor:** semiconductor (0-45°C)

**Spirometer measured parameters:**
- FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25%-75%, FET, Estimated Lung Age, Exr. Vol., FIVC, FIV1, FIV1/FIVC%, PIF, VC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/tot, VT/ti, MVV measured, MVV calculated

**Central unit technical specifications:**
- **Display:** LCD Backlit Touch screen Display
- **Resolution:** 128x64 pixels
- **Power supply:** Lithium ion 3.7V, 1100mA rechargeable battery
- **Data transmission:** USB 2.0 On-The-Go and Bluetooth® 2.1
- **Accelerometer:** Triaxial ± 2g, 400Hz sampling
- **Dimensions and weight:** Central unit 101x48x16mm, 99g, removable turbine head: 46x47x24mm, 17g
- **Battery charger (optional):** 100VAC - 240VAC, 50Hz - 60Hz, output 5VDC, 500mA, micro USB type B

**Pulse-oximeter technical specifications**
- **SpO2 range:** 0-99%
- **SpO2 accuracy:** ±2% (70-99% SpO2)
- **Heart rate range:** 30-254BPM
- **Heart rate accuracy:** ±2BPM or 2%, whichever is greater

**Pulse-oximeter measured parameters (standard)**
- SpO2 [Baseline, Min, Max, Mean], Pulse rate [Baseline, Min, Max, Mean], T90% [SpO2<90%], T89% [SpO2<90%], T88% [SpO2<88%], T5% [ΔSpO2>5%], ΔIndex [12s], SpO2 Events, Pulse rate events [Bradycardia, Tachycardia], Step counter, Movement [VMU], Recording time, Analysis time

**Sleep analysis (specific parameters)**
- Body position, SpO2 Events, Desaturation index (ODI), Desaturation [Mean Value, Mean duration, Longest duration, Nadir Peak], ΔSpO2 [Min Drop, Max Drop], Total Pulse Variations, Pulse Rate Index, NOD89% [SpO2<90%], NOD90% [SpO2<90%; Nadir<86%; >5min]

**6MWT (6 Minute Walk Test specific parameters)**
- O2-Gap, Estimated distance, Distance walked, Predicted distance [Min, Standard], ΔA2% [SpO2<2%], T4% [ΔSpO2≥4%], Time [Rest, Walking, Recovery], Desaturation Area/Distance Optional data entry: Borg Dyspnea [Baseline, End, Change], Borg Fatigue [Baseline, End, Change], Arterial blood pressure [Systolic, Diastolic], Oxygen administered
MedGyn Digital Video Colposcope and Image Management System

Different from the traditional optical colposcope, this colposcope’s innovative LED light source ensures high brightness with a long-life cycle.

AL-106 Digital Video Colposcope
This colposcope’s light spot subtraction technology and unique CCD/optics design provide high-definition images and improved viewing of blood vessels, capturing every meticulous detail.

Image & Data Management System with Forensic Capability (Optional at Extra Cost)

Technical Information
Designed for use with our AL-106 Digital Video Colposcope, the Image & Data Management System allows for the capture and management of colposcopy images into a self-contained patient record.

Biposy Punch Forceps

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Tischler</td>
<td>Most popular bite designed for obtaining maximum tissue near OS with minimal trauma.</td>
</tr>
<tr>
<td>030101</td>
<td>8 1/2” Shaft</td>
</tr>
<tr>
<td>030113</td>
<td>8 1/2” Angled Up</td>
</tr>
<tr>
<td>030114</td>
<td>8 1/2” Angled Down</td>
</tr>
<tr>
<td>030136</td>
<td>8 1/2” Angled Left</td>
</tr>
<tr>
<td>030137</td>
<td>8 1/2” Angled Right</td>
</tr>
<tr>
<td>030101-10</td>
<td>10” Shaft</td>
</tr>
<tr>
<td>029801</td>
<td>10” Angled Up</td>
</tr>
<tr>
<td>029802</td>
<td>10” Angled Down</td>
</tr>
<tr>
<td>029803</td>
<td>10” Angled Left</td>
</tr>
<tr>
<td>029804</td>
<td>10” Angled Right</td>
</tr>
</tbody>
</table>
### Baby Tischler
Smaller bite size designed for less trauma and sampling in endocervical canal. Bit Size: 4.2mm x 2.3mm.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>030102</td>
<td>8 1/2” Shaft</td>
</tr>
<tr>
<td>030140</td>
<td>8 1/2” Angled Up</td>
</tr>
<tr>
<td>030141</td>
<td>8 1/2” Angled Down</td>
</tr>
<tr>
<td>030142</td>
<td>8 1/2” Angled Left</td>
</tr>
<tr>
<td>030143</td>
<td>8 1/2” Angled Right</td>
</tr>
<tr>
<td>030102-10</td>
<td>10” Shaft</td>
</tr>
<tr>
<td>029811</td>
<td>10” Angled Up</td>
</tr>
<tr>
<td>029812</td>
<td>10” Angled Down</td>
</tr>
<tr>
<td>029813</td>
<td>10” Angled Left</td>
</tr>
<tr>
<td>029814</td>
<td>10” Angled Right</td>
</tr>
</tbody>
</table>

### Kevorkian
Popular design with strong, narrow jaw for insertion and sampling of cervical canal. Bite Size: 8mm x 3mm

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>030103</td>
<td>8 1/2” Handle</td>
</tr>
<tr>
<td>030103-10</td>
<td>10 Handle</td>
</tr>
<tr>
<td>031120</td>
<td>Young w/o Spring</td>
</tr>
</tbody>
</table>

### Eppendorfer
One of the original punch designs with large bite size jaws for maximum tissue sample.

<table>
<thead>
<tr>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>030110</td>
</tr>
</tbody>
</table>

### Biposy Punch Forceps

#### Image

#### Code

#### Description

**Van Doren**

- 030155: This unique S-shaped forceps has a triangular bite. w. Ratchet
- 030166: w.o Ratchet

**Rotating Biopsy Punch**

- 030104: Rotating Tischler
- 030146: Rotating Tischler- Head Angled Up
- 030145: Rotating Tischler- Head Angled Down
- 030105: Rotating Baby Tischler
- 030106: Rotating Kevorkian
- 030107: Rotating Burke
- 030108: Rotating Punch Handle
- 030100: Rotating Shaft (w. any tip)
The Cervicore™ Biopsy System

The Cervicore™ Biopsy System utilizes an innovative helix design for taking excellent, core soft-tissue biopsies.

- Design provides optimum ratio of Mucosa and Stroma
- Alternative for difficult positions and harder tissue
- "Easy to Aim"
- Provides an intact and viable sample every time
- Helix needle grasps cervix easily. No tenaculum required
- Each set includes helix needle, cutting cannula, release element and cleaning brush
- Custom-designed sterilization tray is also an option

030165  Cervicore™ Biopsy System - Reusable 8 Gauge, 200mm w/ release element and cleaning brush
030175  Cervicore™ Biopsy System - Single use 8 gauge, 200mm w/ release element
030178  Cervicore™ Release Element Set 5/box
030180  Cervicore™ Cleaning Brush Set 5/box

GP Gynaecological Plinth - Electric (With Troughs)

Medi-Plinth’s GP Gynaecology Couch features two electric motors for height and tilt. The backrest is gas spring controlled ensuring easy patient positioning, and enabling the plinth to be moved into Trendelenburg position. Fully adjustable Foot Stirrups are provided as standard, as is the stainless steel operator’s tray.
INFECTION PREVENTION – REPROCESSING & DECONTAMINATION
Sanosil Halo For disinfecting OR’s, Laboratories, wards and other rooms/facilities

Sanosil Halo
Mobile, electrically operated device for aerosol atomisation of disinfectants.
Suitable for complete and fast surface and room disinfection in small and medium-sized rooms.
Professional device for rooms ranging from 30 - 270m³, timer-controlled disinfection.

Sanosil S010
Application: Surface and room disinfection
Suitability: Combating mould, surface disinfection,pray disinfection, aerosol disinfection
Effectiveness: bacteria, viruses, yeasts and fungi, broad protozoa spectrum
Contact time: 1 - 30 min.
Active ingredients: Hydrogen peroxide and silver
Steris Reliance 1227 Cart and Utensil Washer/Disinfector

The Reliance 1227 Cart and Utensil Washer/Disinfector is a high-capacity mechanical washer intended for use in the cleaning and low-level disinfecting of bedpans and urinals, basins, case carts, beds, theater shoes and other miscellaneous reusable patient care items.

The Reliance 1227 Cart Washer/Disinfector has enhanced cleaning capabilities and provides thermal disinfection with each cycle. The 1227 is easy to use. The touch-screen control panel, convenient cycle record-keeping capabilities and simple door operation makes operating a breeze.

- Designed with performance enhancing features to ensure the most effective clean, including thermal disinfection.
- Operation is simple with an up-to-date, user-friendly design.
- Built with high quality features to assure durability and reliability.
- Upgraded safety features include chamber illumination, emergency stop and door interlock.

Steris Cart / Trolley to Transport Instruments

Stainless Steel Transport Carts

These case carts are ergonomic, reliable, durable and designed with the deep depth design, so they fit today's large instrument sets.

The multi-purpose utility carts are perfect for moving various devices throughout the department. They are ergonomic and durable for easy maneuverability and safety.

Designed with 304 stainless steel construction and 6" stainless steel sealed casters, these carts are built to last.

Vision™ cart washer racks

The new Vision™ cart washer racks were designed to suit all your washing needs. The ergonomic cool-touch handles, easy-to-load features enhance your experience and improve your workflow. Not only were these racks specifically designed to meet maximum cleaning efficacy in the Vision cart washer, they are also compatible with most other cart washers on the market today.

- Container and Utensil Racks offer:
  - Maximum capacity to meet your workflow needs – up to 20 containers (including lids and filters)
  - Easy to load racks that optimize cleaning efficiency
  - Ergonomic, cool touch handles for safety and efficiency
  - Container rack includes a convenient removable basket for retention filters

Clean-up Sink Counters

New state of the art stainless steel clean up sinks have everything you need to maximize workflow. We've designed each sink to come standard with all the tools required to properly, safely, and effectively manually clean your instruments. We also offer both stationary and automatic height adjustable configurations in order to best suit each individual staff member’s ergonomic needs. Whether it’s a single, double or triple sink configuration, STERIS has your total washing needs covered.
Eschmann Little Sister IWD51 Benchtop Washer Disinfector

The Little Sister IWD51htm benchtop washer disinfector allows the effective cleaning and disinfection of contaminated instruments in compliance with the latest standards. Active drying system of main chamber load. Rack for HFiT cassettes and mesh instrument basket included, can accommodate six HFiT cassettes and two mesh instrument baskets. Built-in water softener, crucial in hard water areas. RO (Reverse Osmosis) water ready system. Integral detergent monitoring system. ICPS detergent starter kit included. Optional printer or cycle logger available. HFiT Cassettes and handpieces not included.

Eschmann Little Sister HCS300 Clean Plus Handpiece Cleaning System

The new HCS 300 Clean Plus is unique, it is the only independently tested and validated system available today for the effective cleaning and lubrication of all internal surfaces. Cleans and lubricates up to three high and slow speed handpieces and turbines at a time. Achieves a 10² log reduction of germs and bacteria (in independent MDT tests). The most affordable handpiece cleaning and care solution. Couplings for all major handpieces. Unique process ensures the cleaning and lubrication of all internal lumina.

Steris AMSCO® 2532 Washer Disinfector

The AMSCO 2500 washer was designed from the ground up to be a productive, green, easy to use washer that takes up less space and less money. Productivity - 30 minute cycle time on electric unit. Sustainability – low water and chemistry consumption. Intuitive – USB cycle download, icon based touch screen control, and 1 simple rack for a fully configured package. Unique feature – Auto Sink cycle. Processes up to 96 trays/8 hour day. Uses only 21.1 gal. water/cycle. 6 DIN trays Washer/Disinfector, single or double door option, electric heating.
Steris ErgoStat Prep and Pack Workstation

The new ErgoStat Prep and Pack Workstation from STERIS is designed to meet the demanding instrument reprocessing needs of the OR. This innovative, flexible workstation will help you with productivity, organization, and instrument management, as well as process and workflow changes. The most innovative feature of the ErgoStat Workstation is the electric height adjustment. This workstation is ideal for Customers who know that one size does not fit all and desire a work area that can meet the ergonomic challenges of a diverse workforce, helping you reduce the risk of work-related injuries.

Workstation Paper Hanger

EiMS - Eschmann Instrument Management System

HFIT Instrument Cassette
Hands-free transfer of contaminated instruments from chairside... to washer disinfector... to autoclave. Available in different sizes.

Standard Tray – Aluminium
Helps manage instrument inventory and traceability. Trays and lids can be used in conjunction with HFIT cassettes for storage in accordance with HTM 01-05.

Storage Lid for Examination Tray
Helps manage instrument inventory and traceability. Trays and lids can be used in conjunction with HFIT cassettes for storage in accordance with HTM 01-05.

Dental Burr Holders
Available in with red, green, yellow or blue silicone inserts.
Quality Assurance Products

From Albert Browne, Eschmann, Steris

**Essential™ Wash Clean Test**

Holder for Essential Wash Clean test Strip holder. Stainless steel tray for testing of Essential™ Wash Clean Test (wash check test)

**Essential™ TST™ Indicators (for non vacuum cycles)**
The Essential TST indicators offer validated security that every tray or item has been effectively processed, thereby providing a direct link between the sterility of the items and the patient. For use in every non vacuum cycle to check the condition for sterility have been met.

**Browne TST™ SINGLE USE BOWIE DICK TEST PACK**
Confirms that steam penetration into a test pack is rapid and even and, by implication, that air and other non-condensable gases have been effectively removed. The chemical indicator sheet at the centre of the pack shows a defined colour change from yellow to dark blue/purple when exposed to a specific combination of time, temperature and steam.

The Essential™ Helix test is used for the daily testing of the air removal function of small vacuum-assisted ‘B’ type steam sterilisers as specified. The test can be used in every cycle to provide an independent means of cycle verification.

**Browne STF Check Indicator and holder**
The STF Load Check indicator and holder are intended for use inside each basket or tray to verify the cleaning efficacy of a surgical instrument washer-disinfector machine.

**Browne Washer Disinfector Soil Test**
The Browne Washer-Disinfector Test Soil is designed to simulate the soiling that naturally occurs during theatre use and performs in an equivalent manner to the Edinburgh soil. The Browne Soil test presents the cleaning equipment with a physical challenge such as the cleaning efficacy tests described in ISO/TS 15883-5

**Browne Ninhydrin Protein Detection Kit**
The Ninhydrin Protein Detection Kit is intended as a method of detecting protein residues that may have remained on surgical instruments after going through a washer disinfect process.

**Browne TST™ HELIX**
DESIGNED TO MONITOR STEAM PENETRATION INTO LUMEN TYPE DEVICES

**Browne MVI STEAM INDICATOR**
Multi-Variable Indicators are placed inside trays, packs or pouches, MVI Steam Indicators will confirm that steam has penetrated to the point of placement.

**Process Indicator tapes**
Traditional process indicator tape allows identification of processed from unprocessed items at a glance.

**Browne Bio Monitors for a steam process**
contain the spores of *Geobacillus stearothermophilus* and have an external chemical indicator on the label.

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Essential™ is a trade mark of Eschmann
TST™ is a trade mark of Albert Browne / Steris
Sterilizer Containers
Sterilisation-Container "Filter" Aluminium, lid perforated without hinges, Choice of Colours (red, grey, black, blue, brown, yellow)
Sizes:
- 580 x 280 x 260 mm
- 580 x 280 x 200 mm
- 580 x 280 x 150 mm
- 580 x 280 x 135 mm
- 580 x 280 x 100 mm
¾, ½, mini, Endoscope and dental containers are also available

Sterilization Pouches and Rolls

Tray & Liner
Wire Basket and trays
Absorbent tray liners

Wrapping Material
Eschmann Little Sister SHS 800 Handpiece Steriliser

The new Little Sister SHS 800 handpiece autoclave is dedicated to the task for which it has been designed, without risk of compromise. The SHS800 can also be used for rapid sterilisation of solid instruments, making them ready for immediate use. Alternatively, they can be packed and stored for up to 21 days (Ref: HTM 01-05). Sterilises up to eight handpieces in an average of just 8 minutes. Ideally for the re-sterilising of hollow and solid instruments that have previously been stored (Ref: HTM 01-05). Designed to work seamlessly in conjunction with Little Sister Handpiece Care System, providing effective, risk free handpiece cleaning, lubrication and sterilisation. Helps reduce instrument inventory. 3 litre water capacity for up to 40 cycles Integral water quality sensor.

Eschmann SES 2000 Table Top Non-Vacuum Autoclave

When it comes to sterilising your instruments, for market leading performance and total peace-of-mind, time after time, there’s only one choice - the new Little Sister Autoclave from Eschmann. The market leading SES2000 series of non-vacuum models continue to provide all practitioners with the peace of mind that when it comes to sterilising solid, un-wrapped instruments, there is no equal. A combination of an effective 11 litre capacity, simple operation and fast cycles ensure the SES2000 series will remain established in many dental practices. 11 and 16 litre non-vacuum autoclaves with 134°C and 121°C cycles Rapid, effective instrument sterilisation in as little as 12 minutes. Optional integral record printer or Cycle Logger available Fully compatible with the new Eschmann instrument Management System, including HFiT cassettes. SES 2000 Long autoclaves come with a tray carrier and two special SES 2000 long stainless steel trays.

Eschmann SES 3000B Vacuum Autoclave

17 Litre Capacity
To stand still is to become extinct
For over six decades we’ve strived to improve our market leading autoclaves, never failing to make them better. Our extensive expertise in autoclave design and manufacturing ensures we continually move forward, providing you with products that offer exemplary standards in safe, robust and affordable technology. The next step has been taken
By building on this wealth of experience and focusing heavily on the tried and tested principles that are most important to the clinician, you will be able to truly rely on the SES 3000B with complete confidence.
At Eschmann we always endeavour to meet the needs of our customers who demand products that are simple and safe to use, are robust and reliable, and affordable to buy and to own; a fact that is evident by the success we have enjoyed over many years with autoclaves like our SES Merlin Little Sister and SES 2000

Eschmann Little Sister SES 225B Autoclave

22 Litre Capacity
The latest generation of Little Sister vacuum and non-vacuum autoclaves are a pleasure to work with. From the reassuringly simple door and intuitive one-touch simplicity, to the infallible self-checking systems, every detail of the autoclave has been designed to meet the requirements of today’s demanding clinical environment, and the latest standards in instrument sterilisation. SES113 autoclaves come with a tray carrier, pouch rack, 1 standard and 1 examination tray as standard. Standards Compliant: EN13060 – European Standard for small steam sterilizers
TICHE B 60L Autoclave

- Big Load and High Performance
- B Class Fractionated Vacuum Autoclave with 'Extra Dry' cycle facility
- Graphic Display for Simple Operation
- 59.9 Litre Chamber Size
- Premium Build Quality
- Double Motor operated door closure-system
- Thermal printer and USB data logger - as standard
- Complete Cabinet system - as standard
- Internal ‘Reverse Osmosis’ RO unit - as standard
- Connection for automatic water fill and drain - as standard
- 16amp Single phase power connection
- BSEN13060 and HTM01-05 compliant

AMSCO® 400 Series Steam Sterilizer

AMSCO® 400 Series Small Steam Sterilizers are engineered to be fully compliant with current steam sterilization standards. The 20 x 20 sterilizer is validated to accommodate a maximum of three 25-lb sets (up to 75 lbs) per load, and the 16-inch models can sterilize two 25-lb sets (up to 50 lbs per cycle), per AAMI guidance for processing weights. They also accommodate loaner sets and larger bariatric and orthopedic devices. Also, the AMSCO 400 Series Small Steam Sterilizers prevacuum and steam-flush-pressure-pulse (SFPP) cycles have been validated, per AAMI recommendation, for porous items. Validated "immediate-use" prevacuum and gravity cycles are available, replacing "flash" terminology, and cycles can be customized and named by the user. AMSCO 400 Series software reduces steam and water usage per pound of instruments processed, and the steam-activated gasket requires no lubrication and carries a two year warranty. The optional SFPP cycle can eliminate the need for Bowie-Dick testing, which can greatly reduce annual operating cost.

109 Litre and 250 Litre Volume Capacity Units available

Amsco® V-PRO™ 60 Low Temperature Sterilization System

V-PRO® Low Temperature Sterilization System enables Customers to enhance their overall performance, reduce inventory, save time and money and ensure a high standard of patient care. V-PRO Low Temperature Sterilization Systems are intended for use in the terminal sterilization of properly prepared (cleaned, rinsed and dried) reusable metal and nonmetal medical devices used in healthcare facilities. The STERIS-developed low pressure and low temperature sterilization cycles are suitable for sterilizing medical devices sensitive to heat and moisture. Systems enables Customers to enhance their overall performance, reduce inventory, save time and money and ensure a high standard of patient care. V-PRO Low Temperature Sterilization Systems are intended for use in the terminal sterilization of properly prepared (cleaned, rinsed and dried) reusable metal and nonmetal medical devices used in healthcare facilities. The STERIS-developed low pressure and low temperature sterilization cycles are suitable for sterilizing medical devices sensitive to heat and moisture.

Small footprint, Small chamber but large capacity!
The 60L chamber size allows users to process multiple devices per load.
The V-PRO® 60 sterilizer is available on a rolling cart, for mobility storage of accessories. The VHP® Technology allows for a low sterilant concentration (only 59% Hydrogen Peroxide). The process is therefore adapted for a wide range of moisture / heat sensitive instruments from manufacturers such as Olympus®, daVinci® and STORZ®.
SYSTEM 1E® Liquid Chemical Sterilant Processing System

Integral in the perioperative loop, SYSTEM 1E Liquid Chemical Sterilant Processing System is designed to improve the flow of the OR with minimal costly inventory and increased productivity, allowing maximum surgical procedures with reduced resources. In 23-minutes, you're ready for the next procedure.

Liquid chemical sterilization provides fast reprocessing ease for cleaned, reusable, immersible, and heat-sensitive critical and semi-critical devices. S40™ Sterilant Concentrate is a powerful liquid chemical sterilant that eliminates all microbial life. Its compact footprint makes SYSTEM 1E processor convenient and ideal for a variety of locations. The use-dilution is neutral pH, and rinses safely down the drain. The SYSTEM 1E processor performs two quick rinse cycles, reducing energy and water consumption. Running a 23-minute cycle, the SYSTEM 1E processor minimizes device downtime between patients. Two pre-filters, UV irradiation and a MaxPure™ filter work in harmony with S40 Sterilant Concentrate as a validated process for critical and semi-critical, heat sensitive devices. This gentle use-dilution protects delicate surgical instruments, including multi-channel flexible surgical endoscopes. Providing a high standard of patient care, whether it’s in your OR or GI department, the SYSTEM 1E processor will help you process your devices with confidence.

Steris Chrome Wire Shelving

STERIS offers a complete line of sterile processing solutions, built with your unique SPD needs in mind. Our portfolio features a variety of storage and assembly shelving that are durable, ergonomic, and most importantly easy to use. Each shelving unit comes with shelf strips for labeling, a shelf cover for the bottom shelf and your choice of standard shelves, or add casters to make the units mobile. It’s simple - for the full solution, for all your SPD accessory needs, rely on STERIS.

Features
The chrome-plated storage and assembly shelving will add convenience and organization to your SPD.

- 4' x 6' widths
- Stationary shelving or Mobile shelving with locking casters
- 5 tier front shelf labels, Bottom shelf cover
AMBULANCE, ACCIDENT & EMERGENCY
The POWERHEART® AED G3 Pro®
Fully-equipped automated external defibrillator for medical professionals

Primary Users
EMS responders, hospitals, and medical professionals

Primary Benefits
Control. The semi-automatic operation, manual override option, and 3-lead ECG monitoring capability give you the tools you need to be in complete control.
Reliability. The device is Rescue Ready®, meaning it self-tests daily to ensure it works when you need it.
Assurance. The G3 Pro comes with a 7-year warranty, one of the longest in the industry.
Ease of use. The colour ECG display (an industry first) shows critical patient information. The built-in metronome (which can be switched off) can set the pace for CPR compressions. In AED mode, the device knows when to (and when not to) deliver a shock. You can choose between rechargeable and non-rechargeable battery options.

Code No.: 9300P-501 Powerheart AED G3 Pro Automated External Defibrillator
Each AED package includes: (1) defibrillator, (1) IntelliSense battery (9145), (1) pair of defibrillation pads, and (1) Quick Start Tool Kit: includes Quick Start Guide, CDROM with AED Manual, Training Video, Rescuelink and MDLink

ZOLL® E-Series Defibrillation
The Defibrillator specially designed for EMS / Ambulance use
The ZOLL® E Series® A street-tough defibrillator for ALS with advanced capabilities
The ZOLL® E Series® EasyRead Tri-Mode Display™ for maximum readability, whether in pitch dark or direct sunlight
Unique GPS clock provides complete time accuracy every time the defibrillator is used
Rapid Cable Deployment System™ helps manage your wires and eliminates the “spaghetti”
Protocol Assist Code Markers™ for rapid event documentation
Battery flexibility with low-cost sealed lead acid or rechargeable lithium ion means more choices to meet your needs
One-piece or two-piece pad. Have it your way. Choose one-piece CPR•padz® or two-piece CPR stat•padz®.

VitalCare 506N3 Series Monitors
Proprietary ComfortCuff™ NIBP, pulse oximetry, and predictive temperature in one compact, easily transported monitor. Ideal for spot-checks or continuous vital signs monitoring.
Spot-check or continuously monitor three critical parameters on neonates to adults with a single monitor.
Designed to travel everywhere you do, the VitalCareTM 506N3 series patient monitor with integrated carry-handle attaches quickly and easily to a rolling stand. The 506N3 patient monitors provide maximum versatility and cost-effectiveness.
New smart battery management allows up to 100 NIBP measurements on a single charging.
With a compact design that is easily setup for spotcheck or continuous monitoring, the 506N3 patient monitor adapts readily to hospital, clinic and transport requirements.

Made in USA

Bitmos Sat 801 Pulse Oximeter with Masimo SET™
The Bitmos sat 801 pulse oximeter offers all features of a full-sized monitoring system in a handheld design.
Proven In more than 100 independent studies (October 2005) is was proven, that Masimo SET works reliable even in challenging situations, such as during motion or low perfusion: Masimo SET has become the trademark for the most reliable pulse oximetry technology.
Compact All features of a fully equipped pulse oximetry monitoring system, such as alarms, data memory, USB PC interface, mains and mains-independent operation are also offered by the compact sat 801.
Everywhere Although fully equipped, the lightweight sat 801 fits easily into a gown’s pocket. Its exceptional battery life time makes it available everywhere.
Eschmann VP 18 Suction Unit

The VP Series surgical suction units provide compact, robust and portable suction performance. Simple and intuitive to use, the VP18 features a unique dual filter system - an external bacterial filter combined with a further internal filter - to provide the ultimate benefit - protection against contamination overflow.

The VP18 Analogue surgical suction unit features a simple pressure control dial and gauge to adjust the system flow rate. Advanced lithium-ion battery technology ensures the pump is capable of running continuously on maximum suction for up to 45 minutes to meet even the most demanding situations.

The Eschmann VP18 portable suction unit is available with a choice of jar systems, two disposable and one reusable. All portable VP suction units are able to carry up to four 1 litre jars, with bracket placements on either side and two on the reverse of the unit.

Scoops, Back Boards etc...

Emergency Single Folding Pole Stretcher

TECHNICAL SPECIFICATIONS

- Folds in half lengthways for compact storage
- Strong locking mechanism
- Durable and hard-wearing
- Measures 54 x 206 x 14cm - open
- Measures 14 x 206 x 8cm - closed
- Non slip handgrips and rough terrain feet
- Cross bars add patient comfort and support
- High visibility colouring
- Colour: Orange or Green

Silicone resuscitator R-VALVE with overpressure valve, mask size 5 and reservoir

TECHNICAL SPECIFICATIONS
HOSPITAL INFRASTRUCTURE
Medical Gas Piping, Supply Units, Bedhead Units, Lighting and Wall Paneling
Steel Panel System for operating theatres

System of stainless steel wall panels, ceiling panels, interior doors and windows is designed for operating theatres, treatment rooms as well as rooms in which high sanitary and hygienic standards are required. Panel system is certified by National Institute of Hygiene, Department of Environmental Hygiene.

AirPort™ – the complete pendant range

Intensive Care Supply Pendant
The ideal configuration for intensive care units comprises two arms.
• The first is a carrier arm designated for infusions.
• The second is a medium carrier arm designated for ventilation and the work station. A wide shelf fitted with an examination lamp accommodates the resuscitation ventilator while providing a work space for the nursing staff. A support dedicated to the patient data monitor is suitable for all major brands (Philips, GE, etc). Additional accessories, such as suction bottles or catheter stands, are easily placed on a multi-purpose circular rail.

Surgeons Pendant
AIRPORT, a new equipment management system (EMS) that combines ergonomics with scalability.
AIRPORT has been developed in collaboration with medical teams to accommodate all types of surgical procedure, from general surgery to surgical specialties and minimally invasive surgery

Surgery
With a maximum load of 384 kg, the light carrier arm has been designed to comfortably accommodate all the functionalities required for surgery.

Minimally invasive surgery
AIRport provides an effective and compact solution for the specific needs of minimally invasive surgery. The endoscopy equipments (monitor, light source, camera, printer, etc) are easily managed to the light carrier arm.
Low voltage outlets, for the endoscopy signals, are attached together with the electrical outlets on the distribution module.

Anaesthetists Pendant
It can be tailored exactly to specific needs and at the right price. Simple yet clever solutions, such as gas and electrical connections directly on the column, make it possible to have essential functions at a low price.
Available in four versions, the distribution arm is the anaesthetist’s preferred solution. Its generous cable-run diameter (120 mm) means any anaesthesia respirator can be connected: gas hoses, electric cables, etc.
With its wide reach (1200 to 2400 mm depending on the version), it is easy to use in both small rooms and large.
It is operated precisely and effortlessly, thanks to its gas spring, which offers vertical travel of 550 mm.
With its elegant tones, fitted with immaculately aesthetic outlets, standing discreetly in the raised position, the distribution arm blends perfectly into the operating theatre.
INTENSIVE CARE & HIGH DEPENDENCY
Multicare ICU Bed

The Multicare CCU bed is an ideal solution for the demanding critical care environment. It helps to maintain the vital signs and enables the patient to be treated safely with minimal effort from the staff. Automatic Lateral Therapy is a platform based lateral tilt which can be individually programmed in cycles to improve lung drainage, oxygenation and/or atelectasis. The 15 degree lateral tilting function assists with turning patients for routine nursing activities such as bed making, hygiene needs or wound care with the minimum risk of back injuries. Fall prevention with Multi protection side rails. Orthopnoeic chair helps to maximise respiratory function and enhances patient comfort. Effective pressure area care with open architecture. Pressure ulcer prevention with lateral tilting and Ergoframe Routine patient weighing with automatic scales.

Eleganza ICU Bed

Eleganza 3XC is an ICU/CCU bed equipped with progressive technical features. It helps to lower risks connected with patient stay in ICU and thus supports the quicker recovery. In-bed procedures minimize the manual handling with patient and reduce the physical effort of caregivers. Active Patient Mobilization Optimum Protection Against a Fall Advanced ergonomics during positioning Prevention of hospital infections

Synchro™ Compression for DVT

NEW Sequential Compression Therapy for the Prevention of Deep Vein Thrombosis Deep Vein Thrombosis (DVT) remains a major source of complications among hospitalised patients. The SYNCHRO™ sequential compression system increases blood flow to help reduce the risk of DVT in surgical or immobilised patients. The SYNCHRO™ power unit is used with inflatable leg or foot garments fitted to the power unit to provide sequential compression therapy according to the garment type used. The SYNCHRO™ DVT compression therapy system provides a sequential pressure wave moving proximally through all three chambers of the garment in 30 seconds. This pressure wave is then relieved for 45 seconds, allowing capillary and venous fill. This three chamber action increases patient comfort and compliance.

Syringe Pump

<table>
<thead>
<tr>
<th>TECHNICAL SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOW RATE RANGE</td>
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Infusion Pump

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Spacelabs XPREZZON™ Modular Patient Monitor

XPREZZON delivers innovative technology and design, to shape the new age of care for clinicians and patients alike. A high-resolution screen displays crisp and visually rich Custom Trends for faster, better informed patient assessment. With a single touch, clinicians can access different trend views based on observation needs, type of procedure, or clinical protocols. Trends can be displayed continuously on the bedside monitor for real-time updates, or can be sized and arranged as preferred. Made in USA

Spacelabs qube™ Modular Patient Monitor

Introducing qube™ Inspired by simplicity and style, qube breaks with tradition to offer a fresh, new perspective in compact monitoring. Small and lightweight with a battery life that goes the distance, qube offers portability, accessibility and heightened connectivity—perfect for emergency-, general-, intensive- and post-anesthesia care units. Caregivers can access current, critical patient information—from bedside throughout transport—to provide the ultimate level of patient care. Made in USA

Elance 7 Elite Patient Monitor

The élance elite series of monitors combines high performance monitoring with unparalleled style—a sleek, high-technology product for use as a bedside or portable monitor. The compact, slim units monitor essential vital signs parameters—up to five waveforms and seven numerics. See the table below for the parameters covered in each model. All provide 120-hour trends. The “5” series and “7” series are distinguished by the size and resolution of the bright color screen. These ultra bright and vivid widescreen displays enhance viewing and access to information. The touchscreen interface and single-level menu make them easy to learn and to operate. Mobility is enhanced by a five hour lithium-ion internal battery and built-in power supply in all models. Weighing only 2.4 kg or 2.7 kg and a mere 2.8” deep, these streamlined monitors will easily fit in to any environment, optimizing caregiver access. Made in USA
Bellavista 1000 ICU

Intensive care ventilator offers the highest ventilator performance and revolutionary operation, with integrated diagnostic capabilities that elevate bellavista to a new standard in the respiratory care field. Whether invasive, non-invasive, mask or tube, with or without exhalation valve, bellavista ventilates with any patient circuit system - for every ventilation therapy. Numerous manoeuvres and ventilation concepts developed with experts improve therapy success. Due to its compact size and lightweight design, bellavista is the excellent device for intermediate care units and for intra-hospital transfer.

ZOLL® R-Series Defibrillation

The ZOLL® R Series® is the first and only Code-Ready® defibrillator. Simple, Smart and Ready, these defibrillators provide clinicians with comprehensive support for resuscitation. Chose from the R Series BLS, R Series ALS, or R Series Plus. A defibrillator for whatever your needs, whoever responds.

OneStep™ Simplicity
Simple, ingenious solutions that simplify and speed operation under the most stressful circumstances.

Comprehensive Readiness Checks
The R Series™ extends testing far beyond a basic test shock to check more than 40 individual indicators of readiness.

Unmatched Clinical Excellence
R Series is built on an industry-leading pacing technology and unsurpassed biphasic waveform.

Real CPR Help™ for ALS
Good CPR is critical for effective resuscitation, so feedback to provide better CPR performance is standard on the R Series.

LifeLime™ Emergency Cart

Code Response Cart LECCRP2
Cart LEC24P 39” (991mm) Cart
Dimensions 9191 x 962 x 587 mm

Drawers with Code Blue LEC103 76mm Drawer Qty 1
LEC106 152mm Drawer Qty 3

Accessories FL221 Waste Basket 28 Quart & Holder
LEC251 Lockable Sharps Container (mounts to handle side)
LEC304 Adjustable Defibrillator Tray
LEC309 Backboard with Back Assembly kit
Included Oxygen Tank Holder
FL315 IV Pole with Cart Mount
LEC320 Plastic Security Seals 100PK

Other models are also available
Code Response Cart LECCRP3
Code Response Cart LECCRP4
Code Response Cart LECCRP5
Code Response Cart LECCRP7
Code Response Cart LECPEDS2
Please ask for further information
Astrotherm Plus 220S

- Dry heater for warming of all infusions and transfusions in routine and massive application.
- Temperature selection of 39°C, 41°C or 43°C.
- Horizontal heat exchanger with 11 windings for universal application.
- Digital and illuminated temperature display in 0.1°C increments.
- Three-way independent overheat safety switch off. Undertemperature alarm
- Two different infusions to be heated safely for parallel infusion.
- Automatic function test with each heater start.
- Possibility to use standard infusion sets, low cost PVC-extension sets (ASTOTUBE IFT 30460).
- Universal fixation for fast and safe fixation on i.v. poles and medical fixation rail (25 x 10 mm).

Reocor External Pacemaker

**TECHNICAL SPECIFICATIONS**

Reocor offers complete reliability in emergencies and for temporary patient care. Combining proven features with enhancements in optimized handling and effective heart stimulation, Reocor sets a new quality standard for external pacing therapy.

Reocor is a battery powered external pacemaker that is used in combination with a lead system for temporary atrial, ventricular and AV – sequential stimulation in a clinical environment. The Reocor is a product family of external pacemakers. These pacemakers are used for temporary pacing.
Sonicaid Fetal Doppler FD1 and FD3
Rate display Dopplers with fixed 2MHz or 3MHz waterproof probe options
FD1 combines a high sensitivity probe and excellent audio quality, ensures easy and reliable detection with the added advantage of displaying fetal heart rate. The high sensitivity 2MHz probe provides reliable detection throughout pregnancy.
The new FD3 model meets the growing demand for a high sensitivity 3MHz rate display Doppler for sensitive detection in early gestation.

SonicaidOne Fetal Doppler
This compact Fetal Doppler has been designed to easily fit into the clinicians pocket. Its high sensitivity and wide beam coverage enable quick location of the fetal heart from early gestation to full term.
Its performance and reliability provide reassurance for both clinician and patient.

Sonicaid Fetal Doppler MD200
The MD200 is an innovative solution for clinicians requiring a robust versatile and rechargeable desktop Doppler unit.
Using up to eight interchangeable probes, it enables accurate measurement of fetal heart rate or vascular blood flow.
- Mains/Rechargeable battery operation
- Surface or Roll stand (Option) mounting
- Superior audio from two loudspeakers
- Fetal heart display
- Probe and cable storage compartment
- Less likely to be lost or misplaced than a handheld device
- Supplied with 2 MHz and 3 MHz probes

Sonicaid BD4000xs Fetal Monitor
The BD4000xs series fetal monitors provide solutions for all areas of antenatal fetal monitoring. Using state of the art digital signal processing technology with enhanced FHR performance. This provides the most cost effective and flexible solution for all your fetal monitoring needs. Its compact size and styling belie its ruggedness and robust design, using the same materials, construction and design expertise as our world-renowned handheld Doppler’s.
- Twins capability as standard
- Unique no compromise full size twin FHR scale printing
- User adjustable, Tachycardia, Bradycardia, Loss of Contact and Cross – channel rate verification alerts
- Hospital Information System interface
- User-customisable trace annotation facility
- Automatic fetal movement detection
- Intuitive user interface and controls simplifying training
- Maternally sensed fetal movement marker
Sonicaid FM800 Fetal/Maternal Monitor

The Sonicaid FM800 Encore is a high performance fetal and maternal monitor, using today's most advanced technology to produce the most accurate acquisition of data for clinician decision support. Whether you need standard fetal monitoring or equipment for specialist, high-risk care, the sonicaid FM800 Encore series gives you accuracy and clarity in every situation.

In the fast-paced environment of the labour ward, you need equipment that’s easy to use and data that is quick to read. The sonicaid FM800 Encore gives you comprehensive fetal /maternal monitoring and analysis in one technologically advanced yet simple to use monitor.

Steris XLED® Surgical Lights

Developed for the most demanding of surgeons, XLED® offers its technology to all applications. Its clever modular design provides a solution that is relevant to each need from the simple spot for the examination room to the 4-spot lighthead delivering 160,000 Lux.

Easily installed in all premises whether new or existing, XLED® offers an innovative solution to the varied requirements of the hospital world.

STERIS has selected the best LEDs in order to guarantee excellent lighting quality. With a rated life of more than 40,000 hours, their qualities remain stable over time and require no recalibration.

A 25 cm pattern diameter, ideal for many surgical application as well as delivery rooms, emergency rooms...

The lighting intensity can be adjusted up to 110,000 Lux

Optima Delivery Bed

Optima has an inviting and homey appearance and many versatile features. It helps make “birthday” a comfortable and joyous experience. Optima eases the trauma of birth by providing comfort and support throughout the stages of delivery – for mother, baby and the attending nursing staff.

The three-sectional Optima bed has easy-to-clean removable surfaces and a retractable foot section feature. The specially designed and easy-to-clean seat and retractable foot section are made of durable ABS-plastic. All the other accessories and options increases the comfort of both the mother and nursing staff.

Eschmann VP 18 Suction Unit

The VP Series surgical suction units provide compact, robust and portable suction performance. Simple and intuitive to use, the VP18 features a unique dual filter system - an external bacterial filter combined with a further internal filter - to provide the ultimate benefit - protection against contamination overflow.

The VP18 Analogue surgical suction unit features a simple pressure control dial and gauge to adjust the system flow rate. Advanced lithium-ion battery technology ensures the pump is capable of running continuously on maximum suction for up to 45 minutes to meet even the most demanding situations.

The Eschmann VP18 portable suction unit is available with a choice of jar systems, two disposable and one reusable. All portable VP suction units are able to carry up to four 1 litre jars, with bracket placements on either side and two on the reverse of the unit.
AMPLA 2085™ Infant Warmer & Resuscitation Unit

The Ampla™ 2085, incorporates a modern design, innovative state of the art technologies, incorporating a set of technical resources never before incorporated in a single equipment unit. It is able to satisfy the best cost-benefit conditions. The Ampla™ 2085 certainly is a new concept in the labour and delivery environment. It incorporates a modern quartz warmer with Pre-warm capability, an integrated Apgar timer, two temperature monitoring plus display, an oxygen and air bender, Muconium aspiration and BabyPuff Resuscitation unit providing PIP and PEEP capability. Integrated optional SpO2 monitor can be provided. In addition optional two hour battery backup available for both emergency and transport. A choice of IV pole, Shelf plus different storage devices underneath the cot are available.

Bitmos Sat 805 Pulse Oximeter System with Masimo SET™

The Bitmos 805 pulse oximeter has a compact, slim desktop housing. The slightly angled front panel houses all display and control elements needed for daily monitoring. Additional elements are located on the side and on the rear panel.

Proven
In more than 100 independent studies (October 2005) is was proven, that Masimo SET works reliable even in challenging situations, such as during motion or low perfusion: Masimo SET has become the trademark for the most reliable pulse oximetry technology. Masimo SET and Signal IQ are registered trademarks of Masimo Corp., Irvine CA, USA Masimo SET (Signal Extraction Technology) pulse oximetry works accurately where conventional pulse oximetry tends to fail. More than 110 peer-reviewed clinical studies document the significant superior performance of Masimo SET pulse oximetry, especially in challenging situations, such as motion and low perfusion.

BabyPuff™ 1020 Neonatal Resuscitation Device

The BabyPuff™ Neonatal Resuscitation Device is intended for emergency manual resuscitation of infants. The device is used in conjunction with a flow meter to control gas delivery rates and an optional blender. The device will provide positive end expiratory pressure (PEEP) support. As a safety measure, an adjustable maximum pressure relief valve (Pop-Off) is also provided. The BabyPuff is a manually operated, gas powered device intended for controlled and accurate resuscitation of neonates and infants in the clinical environment.
Bilitron 3006

Bilitron 3006 can bring healthy light for the treatment of hyperbilirubinaemia. Can be used in the neonatal department or for postpartum care. A little healthy light shining on a difficult start in life.

Light helps to break down the substance bilirubin. The liver of a newborn often has a low detoxitation capacity. Treatment to reduce bilirubin is usually required if a newborn icterus occurs in the first day of life.

Photo-Therapy has proven to be a reliable method in the treatment of high bilirubin levels. Light transforms the bilirubin into a water soluble state by a photochemical reaction. This transformation enables precipitation by the gall bladder and kidneys.

Bilitron 3006 uses LED bulbs which have a long life.
NEONATOLOGY (NICU / New Born Unit)
Fanem 1186C Infant Incubator

The Fanem 1186C is a modular infant incubator with a double wall hinged hood complete with front and back access. LCD panel with TREND display providing graphics for Air and Skin temperatures, relative humidity and O2 concentration that can be trended over 4, 8 or 24 hours.

HEATED AIR CIRCULATION SYSTEM
A uniform distribution of heat over the whole hood with precise controls and suitable design assure the insulation and the required stability for heat control.

AUTONOMOUS HUMIDITY

WIDE AND ERGONOMIC TOP WITH SECURITY LOCK
The hood is made of high transparent optical quality acrylic with a double wall to reduce heat loss caused by irradiation. The Hood has five oval ports with fight gaskets for sealing. There is an Iris port at one end of the hood with options for double grommets. A total of eight grommets at the four corners of the hood in pairs for hoses, cables and probes to access the inside of the hood.

SLIDING RADIOTRANSLUCENT BED
The drawer sliding bed is radiotranslucent with optional weighing scale. Actuators enable Trendelenburg and Reverse Trendelenburg positioning. Step by step control height.

EASY ACCESS TO COT
Foldable double walled side panels enable complete access from both front and rear allowing simultaneous care to the neonate by two nursing staffing.

TEMPERATURE
Air temperature Control and Skin Temperature Control as well as Auxiliary temperature input

OXYGEN
Servo control O2 Concentration Monitoring

PULSE OXIMETER
Integrated pulse oximeter with plethysmographic curve SpO2 and Pulse Rate

AMPLA 2085™ Total Infant Care

The Ampla™ 2085, incorporates a modern design, innovative state of the art technologies, incorporating a set of technical resources never before incorporated in a single equipment unit. It is able to satisfy the best cost-benefit conditions. The Ampla™ 2085 certainly is a new concept in neonatal total care.

Electric table with continuous adjustment. Optional mechanical table or acrylic cradle. Bypass X-ray drawer, retractable cradle sides for comfort and fast access. Ergometric support: Vertical lift with bilateral control pedals.

Multipurpose accessories that allow for a wide variety of configurations and features.
Optional items that allow configurations to the ICU, post-surgery or baby nursery;
Three options for screens: LED display, monochrome and color LCD;
Three options for bed — electric or manual table and acrylic bassinet;
Bypass drawer for X-rays;
Optional for gas panel with aspirator and/or resuscitator unit;
Two options for coupled phototherapy: Bilitron or Bilitron Bed;
Two options for warming: radiant warmer – articulate reflector – or thermal mattress;
Optional kit for transport, which includes thermal mattress and 2-hour batteries;
Possibility of coupling Bubble CPAP – Babypap;
In-bed scale and pulse oximeter.

BabyPap Neonatal CPAP

Bubble water column for PEEP determination;
Thermal air humidifier with microprocessed control;
Blender for gas mixing and outlet flowmeter;
Casters with brakes;
Temperature sensors and H2O level.
Bilitron 3006

Bilitron 3006 can bring healthy light for the treatment of hyperbilirubinaemia. Can be used in the neonatal department or for postpartum care. A little healthy light shining on a difficult start in life.

Light helps to break down the substance bilirubin. The liver of a newborn often has a low detoxitation capacity. Treatment to reduce bilirubin is usually required if a newborn icterus occurs in the first day of life.

Photo-Therapy has proven to be a reliable method in the treatment of high bilirubin levels. Light transforms the bilirubin into a water soluble state by a photochemical reaction. This transformation enables precipitation by the gall bladder and kidneys.

Bilitron 3006 uses LED bulbs which have a long life.

Spacelabs qube™ Modular Patient Monitor

Introducing qube™ Inspired by simplicity and style, qube breaks with tradition to offer a fresh, new perspective in compact monitoring. Small and lightweight with a battery life that goes the distance, qube offers portability, accessibility and heightened connectivity—perfect for emergency-, general-, intensive- and post-anesthesia care units. Caregivers can access current, critical patient information—from bedside throughout transport—to provide the ultimate level of patient care.

Made in USA

Bellavista Neo Ventilator

Bellavista 1000 can now be upgraded for ventilation of very small premature babies, neonates and infants. The new options enable an accurate, sensitive and comfortable ventilation. The devices little weight and integrated battery permit a wide range of use and application possibilities.

**Ventilation of premature patients**
Accurate delivery of tidal volumes from 2ml allow ventilation and monitoring of patients with very low birth weights.

**Lung protective ventilation**
A range of features like, target volume mode, DualVent and configurable neonatal back-up ventilation are integrated to achieve patient safety and comfort.

**Advanced Neonatal O2 Flush**
Customisable O2 flush capability allows the user to set maximum FiO2 required and duration of delivery.

**Flexible and easy to use**
bellavista 1000 NEO provides a full ventilation platform to cater for the full range of patients and ventilation needs in the most demanding hospital environments.

**Enhanced monitoring**
Using the optional CO2 and extended monitoring features in bellavista allows important ventilation parameters to be captured, displayed, trended and exported for further analysis.

ASTODIA Diaphanoscope for transillumination

ASTODIA allows the easy search for blood vessels for safe puncture. With ASTODIA it is also possible to identify structures filled with air or liquid deep under the skin surface.

ASTODIA is specially suitable for patients in the field of paediatrics and preferably for premature babies and neonates. Venous and arterial vessels can be shown very well.

ASTODIA has an orange and a red high performance LED each equipped with a dimmer. While the orange light guarantees very good contrasts, the red light can penetrate the tissue deeper. This is an advantage for the diagnostic of pneumothorax or hydroceles.
STERIS Amsco® Operating Room Storage Console

STERIS’s Amsco® OR Storage consoles are the backbone of any well-planned OR. Our stainless steel consoles were designed after extensive research with OR nurses and OR managers – you told us what worked and what didn’t, and we built these OR storage cabinets to your exact specifications.

**Designed with you in mind:**
- Instant access to supplies and equipment to help minimize procedural delays
- Durable, easy-to-clean surfaces: either stainless steel or tempered glass door fronts
- Protection of your sterile supplies behind closed doors
- Complete storage for a full schedule – organized with integral adjustable shelves
- Select freestanding or recessed consoles to fit your space
- Choose exactly the storage consoles your OR needs – and rely on our systems planning group to help you configure the ideal OR environment

**These 18” deep consoles are available in five different modules:**
- Pass-through supply cabinet
- Miscellaneous supply cabinet
- Surgical table accessory cabinet
- Warming cabinet
- Desk unit

**Integrated warming cabinets have the same features as stand-alone units:**
- Dual compartment cabinet for IV fluid, irrigation solution and blanket warming
- Glass or solid doors with electronic keyless and mechanical key door locks
- Independent temperature controls for both chambers, displayed in either Celsius or Fahrenheit
- Temperature lock-out for consistency and control
- Digital data recording with a ready-access USB connection for data management

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STERIS Amsco® Warming Cabinets

AMSCO warming cabinets are designed to store and warm sterile intravenous (IV) and surgical irrigation solutions, linens and blankets to programmed temperature settings for patient applications.

**Warm, secure, organized and compliant**

STERIS’s Amsco Warming Cabinets are designed to be more than just blanket warmers; they also store and warm sterile intravenous fluids (IV fluids) and surgical irrigation solutions, as well as other linens, to programmed digital temperature settings for patient applications.

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STERIS Amsco® Flexmatic® Scrub Sinks

Designed in accordance with Underwriters Laboratories standards to meet all of your scrub sink needs, Amsco® Flexmatic Stainless Steel Scrub Sinks have stood the test of time. These durable sinks feature continuous welded compartments and coved corners constructed entirely of stainless steel for easy cleaning.

- Timed scrubbing - digital timer option helps ensure adequate scrub time.
- Optional infra-red sensor “sees” approaching hands for a completely touchless option.

**Hands-free:**
- Optimum water temperature 46°C
- Two faucet heads options
- Unique eye-wash station
Steris XLED® 2 Surgical Light

4-DIMENSIONAL SURGICAL LIGHTING

The XLED® range is the most comprehensive surgical light offering on the market, from the single fixed spot to task-adjustable multi-spot systems covering the requirements of all surgical specialties. Whatever the configuration, XLED® offers the ideal intensity and amount of light for each application.

The same quality required for all applications

Developed for the most demanding of surgeons, XLED® offers its technology to all applications. Its clever modular design provides a solution that is relevant to each need from the simple spot for the examination room to the 4-spot lighthead delivering 160,000 Lux. Easily installed in all premises whether new or existing, XLED® offers an innovative solution to the varied requirements of the hospital world.

Various combinations of lightheads and mountings are available. Please contact us.

The XLED® 2 is ideally suitable for

- Delivery rooms
- ENT/Stoma
- Neurosurgery
- Orthopaedic surgery

Steris XLED® 3 Surgical Light

4-DIMENSIONAL SURGICAL LIGHTING

The XLED® range is the most comprehensive surgical light offering on the market, from the single fixed spot to task-adjustable multi-spot systems covering the requirements of all surgical specialties. Whatever the configuration, XLED® offers the ideal intensity and amount of light for each application.

The same quality required for all applications

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Various combinations of lightheads and mountings are available. Please contact us.

The XLED® 3 is ideally suitable for

- General surgery
- Gynaecology
- Ophthalmic
- Neurosurgery
- ENT
- Orthopaedic
- Vascular / Cardiac
Spacelabs BleaseFocus Anaesthesia System

The BleaseFocus offers you versatility with performance. An open platform that is flexible in design, it enables you to configure it to suit your requirements and budget. Spacelabs Healthcare offers a wide variety of perioperative monitoring solutions that can simplify your job. See especially qube monitor, and the Multigas Analyzer.
Made in USA / UK

Spacelabs BleaseSirius Anaesthesia System

The BleaseSirius sets new standards for reliability, consistency, stability and performance in anesthesia delivery and ventilation. BleaseSirius was designed to help meet the daily challenges arising from the diversity and complexity of your patient population, as well as pressures from budget and resource restrictions.

Introducing Enhanced Flow Meter Visualization

Instantly know the fresh gas flow to your patient

Traditional flow control and positioning of information

Individual gas data available for export

Identifying key information quickly and easily is critical to your practice. The dedicated display is positioned where you would find traditional flow tubes, allowing you to instantly know the fresh gas flow to your patient. This data is immediately available for export to a patient monitoring system or electronic medical record. With traditional flow control for the Electronic Gas Flow Measurements, you also retain the current "touch & feel" you are accustomed to. Click here to learn more about the BleaseSirius Electronic Flow Meter option.

Spacelabs Anesthesia Systems, including the BleaseSirius, incorporate the latest technology to offer you unparalleled performance in ventilation and vaporization:

Simplicity: Easy to use, easy to move.

Choice: Adapt the equipment to your patients and procedures.

Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes, including our newest mode SIMV-PC.

Proximal Flow Sensing: Measuring flow and pressure at the patient’s airway provides substantial advantages as compared to measuring these parameters inside the anesthesia machine. Spacelabs Healthcare pioneered the use of a proximal sensor for the monitoring and control of the anesthesia ventilator.

Spacelabs Blease Datum Vaporizers

More than 60,000 BleaseDatum Vaporizers are in use around the world, providing reliable performance to help ensure adequate anesthesia.

Halothane has a 5 year warranty

All other vaporizers have a 10 year warranty
Spacelabs *qube™* Modular Patient Monitor

Introducing *qube™* Inspired by simplicity and style, *qube* breaks with tradition to offer a fresh, new perspective in compact monitoring. Small and lightweight with a battery life that goes the distance, *qube* offers portability, accessibility and heightened connectivity—perfect for emergency-, general-, intensive- and post-anesthesia care units. Caregivers can access current, critical patient information—from bedside throughout transport—to provide the ultimate level of patient care.

Made in USA

Astrotherm Plus 220S

Dry heater for warming of all infusions and transfusions in routine and massive application.

Temperature selection of 39°C, 41°C or 43°C.

Horizontal heat exchanger with 11 windings for universal application.

Digital and illuminated temperature display in 0.1°C increments.

Three-way independent overheat safety switch off. Undertemperature alarm.

Two different infusions to be heated safely for parallel infusion.

Automatic function test with each heater start.

Possibility to use standard infusion sets, low cost PVC-extension sets (ASTOTUBE IFT 30460).

Universal fixation for fast and safe fixation on i.v. poles and medical fixation rail (25 x 10 mm).

Alpha Patient Warming System

Alpha patient warming systems are being routinely used in clinical practice for the full range of surgical procedures and specialties. They use the very latest technology to give best available performance and offer significant cost savings.

Alpha patient warming products are suitable and convenient for use in the operating room, anaesthetic room, recovery (PACU), intensive care, emergency room, and for patient transport.

Clinical trials and routine use in a full range of surgical procedures have clearly shown that the Alpha patient warming system out-performs air warming systems.
Eschmann T30 Operating Table System
Modular Orthopaedic and General Surgery Table

The T30+ is designed for general, specialist and orthopaedic procedures. The modular, interchangeable table top sections allow quick set up between cases and reduced manual handling.
A choice of general and orthopaedic trunks allows the table to be easily configured for general, orthopaedic and specialist procedures. Offset column break improves the imaging flexibility. Extended height range for optimum clinician comfort during use.
450kg maximum patient weight and extendable 600mm wide top to suit all body types. “Velcro-free” mattress attachment provides the ultimate ‘easy clean’ infection control solution. Interchangeable head and leg sections offer optimum patient positioning.
Corded handset for simple, intuitive control.
Easily maintained, impact resistant ABS covers prevent fluid and dirt ingress.

Eschmann T20 Operating Table

The T20+ General Surgery Operating table with traversing table top will accommodate all general surgery applications in addition to a wide range of specialist procedures. The 450kg weight capacity of the table makes it capable of even the most demanding bariatric procedures.
Traversing top with offset column break improves the T20’s imaging flexibility. Extended height range for optimum clinician comfort in use.
450kg maximum patient weight and extendable 600mm wide top to suit all body types.
“Velcro” free mattress attachment provides the ultimate ‘easy-clean’ infection control solution. Interchangeable head and leg sections offer optimum patient positioning.
Corded handset for simple, intuitive control.
Easily maintained, impact resistant ABS covers prevent fluid and dirt ingress.
Improved patient support is achieved by adopting a one piece mattress that seamlessly spans the table break.

Eschmann T20ML Specialist Operating Table

The T20ML is an extension of the T20 family of Surgical Operating tables. The T20ML has a new lower base height while retaining large castors.
600-1000mm height range.
The Powered 250mm traversing table top with offset column break improves the T20ML’s imaging flexibility and accommodates all specialist surgical application.
Base cut out at both ends of the table allows improved surgical access and positioning of a ‘Kick bowl/bucket’.
The 450kg weight capacity of the table makes it capable of even the most demanding bariatric procedures.
Full 360° Movement.

Steris Orthomax Operating Table

Orthomax powered operating table – A choice of different traction beams, the ORT8000 and ORT5000 provide unsurpassed flexibility.
• Ergonomic base makes Orthomax easy to move.
• Reliable multi-section table top allows convenient patient positioning for a wide range of surgical procedures beside orthopaedics.
• Configurable for all arthroscopy procedures – knee, shoulder.
Exceptionally high Positionability: up to 1140 mm.
Excellent Weight Capacity Performance: 270 kg for all positions (described in user manual) and Up to 500 kg (with patient centered over column).
Steris Himax Operating Table

STERIS has developed the Himax powered operating table - A new dimension in surgical tables for the surgeon and patient.

- Ergonomically designed compact base makes Himax easy to move.
- Reliable multi-section table top allows convenient patient positioning for a wide range of surgical procedures.
- Comfort for the patient without compromise for the surgical team.

Exceptionally high Positionability: up to 1140 mm
Excellent Weight Capacity Performance: 270 kg for all positions (described in user manual) and Up to 500 kg (with patient centered over column)

Steris Easymax Operating Table

The Easymax® Surgical Table provides excellent mobility with its ergonomically designed base. Its flexible and versatile multi-section table top, ensures convenient patient positioning to address the requirements of all surgical specialities.

With a height range starting from 600mm increasing to 900mm, the Easymax table is flexible enough to meet the requirements of new surgical technologies, including minimally invasive surgery.

With excellent weight capacity performance up to 500kg (with patient centred over the column), radiolucent x-ray window for radiological controls during surgery and a locking device for specialty head rests integrated in the table top for convenience.

Eschmann T10 Operating Table

The Eschmann 10-e operation table was designed with 'Simplicity and Intuitiveness' in mind, having drawn influences from leading clinicians of various levels from across the globe.

With a maximum patient weight of 250kg the T10-e is capable of supporting most modern surgical needs.

The T10-e table also benefits from being compatible with the existing T-Series Operating Table accessories.

Powered operation table suitable for both general and specialist surgery.

Steris Surginox E Operating Table

(available as a high version and low version)

The Surginox E stands out most of all for its versatility. Urology, gynaecology, neurosurgery, ophthalmology, arm and hand surgery, knee arthroscopy, etc. It does it all! Its many adjustments, its split leg sections, the 25 cm slide, the optional kidney elevator make it suitable for many different applications. The very compact mobile base, providing optimum access to the patient, provides additional convenience. The high version (700-1050 mm) is suitable for surgery requiring relatively high positions, e.g. for orthopaedics.

The Surginox E is simple and yet surprisingly ergonomic. The power-assisted table adjustments bring the product to a new level of practicality. Simply use the hand control selector to choose the type of movement (height, tilt, or trend) and then apply the adjustments remotely. This makes adjustment a quick and effortless process!

Steris Surginox M Operating Table

STERIS' new Surginox table has everything to become a new standard in the motorised surgical tables market. It offers the same versatility as the Easynox with control of all movements on the head and anaesthesia end. However, it's the table's foot control, enabling the top to be moved into position quickly, that opens up a new dimension in ergonomics.

The Surginox’s capabilities can be increased even more with the optional 25 cm slide and reversible kidney elevator (1/3 – 2/3).

Patient weight capacity: 150 kg all positions described in the user manual
Sliding: 250 mm
Eschmann E30 Electrosurgical Unit

TECHNICAL SPECIFICATIONS

The E30 electrosurgical unit offers optimal performance with speed, accuracy and precision through its 12 research-based cutting and coagulation modes. The bipolar generator offers both cut and coagulation modes, with autostart/autostop features if required. The monopolar generator offers 6 cutting modes including cutting in liquid. Four monopolar coagulation modes are available including contact and non-contact modes. The combination of modes and power available makes this a universal electrosurgical unit suitable for all surgical disciplines.

Eschmann E20 Electrosurgical Unit

TECHNICAL SPECIFICATIONS

The E10 electrosurgical unit offers optimal performance, accuracy and precision through its five research-based cutting and coagulation modes. The compact E10 is suitable for use in a range of applications in general practice, treatment rooms and hospital outpatient departments.

Eschmann Surgical Smoke Evacuator

Surgical smoke generated in operating theatres through the use of laser and electrosurgery equipment is of increasing concern to theatre staff.

Benefits of the Eschmann Smoke Evacuation Unit and accessories

- Excellent smoke extraction from the surgical site, enhancing visibility, reducing odour and reducing health risks to staff and patients.
- Custom made sound attenuation inserts and partitioning keep noise to a minimum (≤50dBA).
- Cost-effective disposables based on a cost per procedure basis.
- 2 weekly ULPA and carbon filter system to remove viral and chemical elements of surgical smoke and reduce odour.

Eschmann ST80 Trolley

ST80 Double shelf trolley For mounting of electrosurgical unit and Smoke Evacuator on a single trolley
ST80 Single shelf trolley
ST80 Trolley with integrated surgical Suction
Eschmann VPx Surgical Suction Units

The new VPX advanced portable suction range from Eschmann provides the perfect solution for today’s hospital and operating theatre environments. Offers a host of benefits to the clinical team, including a choice of models and single use or reusable jar systems

Models available
- VPx45 High Vacuum with an air flow rate >44 litres/min
- VPx35 Standard Vacuum with an air flow rate of >35 litres/min

Both units are oil free

MLX 300 Head Light Source and UltraLite® Pro Head Light

UltraLite® Pro
- Ergonomic design uses the head’s natural contours to hold the light in place without uncomfortable pressure
- For lightweight strength, the translucent headlight cable is made with W. L. Gore’s SIL-KORE™ tubing
- Luxtec high-tech, washable sweatband headlight wicks moisture away from your skin

MLX300 Headlight Source
- 300W Xenon, whitest and brightest light from Luxtec

ATMOS LED headlight HL 21 LED

- Light source, with long service life and high-performance white light LED
- Service life 50,000 h
- Infinitely adjustable focusing optic
- Cable 2 m for connection to LED light source
- Additionally included in delivery:
  - 1 x cable fixation clip
  - For use in ENT

ATMOS Endoscopes for professional visualisation

- Endoscopes for:
  - Laryngoscope
  - Ear Endoscope
  - Nose/Pharynx
  - Flexible Endoscope
**Pneumatic & Battery Powered Drill**

- **Speed range**: 750 rpm
- **Weight**: 800g
- **Working Pressure**: 7 max 8 bar
- Left and right turns as well as speed can be regulated by means of levers on the hand piece
- **Hoses**: Choice of 3 and 5 meters
- **Connections**: Synthes-Synthes, Dräger-Synthes, Schrader-Synthes, Industrial-Synthes
- **Working Pressure**: 8.5 bar
- **Air Supply**: Use only pure, dry compressed air filtered to 5 microns

**Surgical Instruments**

Our instruments are manufactured in Germany and carry a warranty from the manufacturer. We can print the Hospital name on the instruments at no additional cost. Instruments can be supplied as complete sets or individually.

- General Surgery
- Obstetric
- Orthopedic
- ENT
- Micro
- Gynecology
- Neurosurgery
- Vascular
- Our brands include Hermann and Integra (Jarit, Redman, Miltex)

**Sterilizer Containers**

Sterilisation-Container "Filter" Aluminium, lid perforated without hinges, Choice of Colours (red, grey, black, blue, brown, yellow)

- Sizes:
  - 580 x 280 x 260 mm
  - 580 x 280 x 200 mm
  - 580 x 280 x 150 mm
  - 580 x 280 x 135 mm
  - 580 x 280 x 100 mm
  - ¾, ½, mini, Endoscope and dental containers are also available

**Pentax Flexible Endoscopes**

A complete range of Flexible Video Endoscopes manufactured by Pentax

- Gastroscope
- Bronchoscopes
- Duidenoscopes
- Colonoscopes
- Video processor
- Accessories
- A special Value Pack is also available for those beginning endoscopy.
WARD EQUIPMENT
Eleganza 3

The eleganza 3 bed has a positive effect on the treatment and recovery of patients and ensures that the work of healthcare staff working in acute units is more effective and easier with the help of the unique functional features.

- Comprehensive fall prevention
- Safe gaps concept
- Automatic i-brake
- Pro-active recovery with Mobi-lift
- Effective pressure area care with Ergoframe
- Easier transportation
- Cardiac Chair
- 4-section removable plastic platform covers

Eleganza 2

Eleganza 1

Universal hospital bed with single collapsible siderail for standard hospital wards

- Eleganza 1 has classic (scissors) construction
- Comply all requirements of the norm IEC 60601-2-52-2009
- The highest level of safety (ISO 60601-2-52)
- Attractive design and high comfort for patient
- New ergonomic operator allows lowering of the siderails easily simply with one hand
- The central control panel allows nurses to take advantage of a number pre-programmed functions and a manual control lock
- The mattress platform consists of 8 removable plastic parts - this makes cleaning the bed simpler and more efficient
- Anti-decubitus design of the mattress platform: The Ergoframe design increases the space around the patient’s pelvis by up to 16 cm when positioning of the mattress platform

OPTIONAL ACCESSORIES

- Lifting pole with Grey plastic triangular holder (11011430B0000 & 4ROTGERSG700)
- IV holder, to be placed on a lifting pole, 4 hooks; chrome plated
- Urine sack holder, level self adjustable; powder coated (11023700B0000)
- Pair of accessory rails (500mm) with 2 plastic hooks (AH01)
- Chart holder; plastic; for plastic bed ends (1102400000000)

Prema Mattress

Prema mattresses are preventive single-sided mattresses made of cold polyurethane foam with reduced flammability. The core of the mattress is profiled with Flex effect. The edges are reinforced and the removable cover is HF welded. The underside of the cover is made of a material with increased strength.

- Cold polyurethane core foam: Reduces the patient’s thermal sensitivity as this material quickly adapts to human body temperature.
- Reinforced edges: The edges of the mattress are reinforced with highly resilient foam to stabilise the patient and ensure comfort when sitting on the edge of the bed and a feeling of security when lying down.
- Core foam with matrix cut channels: For internal air circulation and patient comfort; follows bed articulation.
Effecta Mattress

EFFECTA General use mattress designed for patients at low risk of developing pressure ulcers. Its core is made from high density polyurathane foam profiled to achieve effective pressure distribution and surface aeration. The sewn cover is made from a flexible and permeable fabric. Mattress dimensions 200 x 86 x 14

Eleganza Classic Bedside Cabinets

A self-service bedside cabinet
A universal bedside cabinet constructed of metal and accessible from both sides, fitted with a drawer, bottom cabinet, and independently breakable castors. A variant with the dining board integrated within the cabinet body is also available.

Server Solido Patient Overbed Table

Patient Overbed Table
The Solido, patient overbed table has a lightweight design and features an eating board with height adjustment and tilting.

UNIVERSAL USE
The ease of manipulation and ideal size of the eating board allows it to be used as a stable surface by the patient when eating.
Two-piece tilting eating board option allows the patient to position the table at an angle for activities such as reading or writing.
Flexibility of the Solido ensures it can be used by the patient both in bed and when seated in a chair.
Low height of undercarriage allows use of the Solido together with a wide range of bedframes.

Virtuso Active Mattress

Anti-decubitus systems
Viruso
Active mattress - overlay or mattress replacement system
Prescioso is an alternating pressure, cost effective, 24-hour care overlay or mattress replacement system for patients with compromised mobility, which will greatly assist in the healing and prevention of all grades of pressure ulcers.
### Sprint Universal transport stretcher

**TECHNICAL SPECIFICATIONS**

**BASIC CONFIGURATION**
- 2-part mattress platform made from laminated plastic, tiltable backrest 0°-70°
- Adjustable height of mattress platform
- Collapsible siderails with plastic handrail
- 4 castors with a 200 mm diameter, centrally operated
- Equipotentially bonded
- Protective corner bumpers and plastic bars around the whole perimeter
- Tr./Reverse Tr. tilting, indicator of the tilt
- Integrated horizontal oxygen bottle holder with securing belt
- Stacking space on undercarriage
- 4 holders for infusion rod, 4 for other accessories, 4 holders for drainage bags, clamps for restraining belts

The Sprint universal transport stretcher is intended for fast and safe patient transport. Sprint allows for diagnosis and treatment of patients in condition. This makes Sprint in ideal component during urgent patient admission.

### EMERGENCY ROOM PATIENT TROLLEY

**TECHNICAL SPECIFICATIONS**

- High quality patient trolley with removable and articulated head rest
- Reinforced folding cot sides
- 150mm diameter castors, two with brakes and bumpers
- Stainless steel framework
- Standard accessories included are: Oxygen bottle holder, Infusion stand, Instrument tray
- Very durable synthetic leather upholstery which is easy to wash and sanitise
- Dimensions: 2000 x 550 x 800mm
- Bed size: 1900 x 550mm
FOLDABLE EMERGENCY PATIENT STRETCHER WITH BACKREST AND WHEELS

TECHNICAL SPECIFICATIONS

- Complete with two quick-release orange restraints
- Reflective mark to increase nocturnal visibility
- Weight: 6.5 kg [14 lbs]
- Load capacity: 170 kg [374 lbs]
- Dimensions: 480mm x 160mm x 925mm

The structural and functional characteristics of Spencer 310 make it optimum for use as a subsidiary stretcher or in any situation when storage is limited. The frame is made of polished aluminium, the stirrups are made of stainless steel. The sheet is made of 600 D electrically soldered Spentex®. The backrest is adjustable in different positions, with a mechanical blocking apparatus for safety. The anterior wheels and the posterior feet are moved to the centre of the stretcher to reduce the clutter of the resting surface.
### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature Range</strong></td>
<td>+4 °C</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>221 lt (7,81 cu ft) Gross capacity 221 lt (7,81 cu ft)</td>
</tr>
<tr>
<td><strong>Storage capacity (blood bags)</strong></td>
<td>120 at 450mi each</td>
</tr>
<tr>
<td><strong>External Dimensions</strong> (W x D x H)</td>
<td>60 x 65.5 x 146 cm</td>
</tr>
<tr>
<td><strong>Internal Dimensions</strong> (W x D x H)</td>
<td>50 x 49.6 x 90 cm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>90kg</td>
</tr>
<tr>
<td><strong>Structure and Insulation</strong></td>
<td>Sanitized pre-coated steel with bacteriostatic activity, white colour-in/out (rust-corrosion-proof material), or stainless steel 18/10 AISI 304 inside and sanitized pre-coated steel white colour outside; insulation polyurethane thickness 70 mm in the back, 50 in the sides</td>
</tr>
<tr>
<td><strong>Door</strong></td>
<td>Nr 1 glass door with triple glass panels Electric Digital Key Lock The door is opened by means of a gentle pressure on the key icon in the homepage, and can be password protected. Mechanical key supplied in the event of failure.</td>
</tr>
<tr>
<td><strong>Rollers</strong></td>
<td>Rollers</td>
</tr>
<tr>
<td><strong>Light</strong></td>
<td>Led type with adjustable brightness</td>
</tr>
<tr>
<td><strong>Internal equipment</strong></td>
<td>Nr.4 extractible aluminum drawers mounted on telescopic slides Interchangeable system that allows to mix:</td>
</tr>
<tr>
<td></td>
<td>- open wire shelves supported by plastic clips, adjustable in height (dim.cm.47.5 x 46);</td>
</tr>
<tr>
<td></td>
<td>- extractible aluminum drawers mounted on telescopic slides (dim.cm.12 x 40 x 7.5 for 3 compartments)</td>
</tr>
<tr>
<td><strong>Controller</strong></td>
<td>ECT-F TOUCH + DMLP TOUCH DIGITAL MONITOR ECT-F TOUCH CONTROLLER + independent system DMLP DIGITAL MONITOR TOUCH: recording and alarms and alarm system, with battery back-up. New controller with TFT 7” touch screen display easily readable from the distance, with a real-time graphic of temperatures and of other selected functions always visible from the home page.</td>
</tr>
<tr>
<td></td>
<td>- Temperature recording of the last 10 years</td>
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<tr>
<td></td>
<td>- Acoustic and visual alarm system for temperature deviation, open door, power failure, condenser, and faulty conditions.</td>
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<tr>
<td></td>
<td>- Safety thermostat against freezing and overheating.</td>
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<tr>
<td></td>
<td>- SD card with frontal access: it can store 30 years data recording and relevant documents such as manuals, list of spare parts, videos regarding installation and most common operations.</td>
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<tr>
<td></td>
<td>- USB port that allows to download data directly from the front panel.</td>
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<tr>
<td></td>
<td>- Multimedia section with Tutorial area for instruction movies, service manuals, electrical drawings, etc.</td>
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<td></td>
<td>- Dry contact for remote connection.</td>
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<tr>
<td></td>
<td>- RS485 and RJ45 port for LAN/Ethernet.</td>
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<tr>
<td></td>
<td>- Password for the turning on and off of the machine, to protect from unauthorized users.</td>
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<td></td>
<td>- Slot for SIM card.</td>
</tr>
<tr>
<td></td>
<td>- Integrated Web Server. Independent visual acoustic alarm and recording system (DMLP DIGITAL MONITOR TOUCH), with an accuracy of 0.1 °C thanks to the PT100 probe used for temperature detection. The DMLP manages alarms functions alarm is fed by standard rechargeable batteries to record temperatures and events in case of power failure (nr.8 Ni-Mh rechargeable batteries type AA of 1.2 Volt, easily replaceable). The data downloading is managed by the software CAPTURE supplied into the SD CARD: thanks to this software, it is possible to produce graphics and tabs of recorded data.</td>
</tr>
</tbody>
</table>

### Alarms