



ICU - INTENSIVE CARE UNIT

Specialised Solutions and
Quality Systems

AGENDIS
Together. All the way.

Discover

new possibilities for Intensive Care Units





Reference: MEDICANA Hospital, Kadiköy/Istanbul - Turkey

Specialised Solutions & Quality Systems



The intensive care unit is a special department of a hospital or health care facility. It caters to patients with the most severe and life-threatening diseases and injuries such as trauma, organ failure or sepsis. Therefore an intensive care unit has to provide constant and close monitoring as well as support from special equipment and medication in order to maintain normal body functions of its patients.

The goal of ACENDIS is to guarantee the best environment and conditions for the treatment and further care of our customer's patients by providing the best equipment and latest technologies. By doing this, we ensure a safe treatment process and satisfied staff and patients.

www.acendis.eu

BED HEAD UNITS



MODULTECHNIK

modulux ambient

A supply unit combining aesthetics and functionality

- Indirect room lighting, reading and examination lighting
- Functional, user-friendly and ergonomic aspects as well as real materials, like wood, in one product
- Electrical installation elements are hidden
- Wide range of possible variations



MODULTECHNIK

modulux pure

The modulux pure is a medical supply unit, which despite its compact design displays a high degree of equipping potential for high voltage, data and communication technology installation components as well as tapping points for medical gases. Modulux pure can come in a length of up to six metres as a single or two-bed unit.



MODULTECHNIK

modulux IV 1054

The ideal medical supply unit, specially designed for the recovery room and intensive care ward. The media is fed in at the back, or on the front right or left or it is also possible from the top using a cable channel. Front profiles attached without screws ensure hygiene and prevent access by unauthorised persons.



MODULTECHNIK

modulux 2008

A very compact and ergonomic medical supply unit with indirect illumination, reading and examination lighting as well as installation units for electricity, communications, data and medical gas technology. A special characteristic of the series is the chosen inclined arrangement of the prismatic covering of the indirect lighting fixture. It prevents items being placed on it, e.g. bottles.



MODULTECHNIK

ambient light

Efficient LED lighting solutions

As a modern medical supply unit, the ambient light offers plenty of space for all media required for the treatment of your patients. Thanks to its unusual design, in the ambient light the installation elements for electrical, communications and data technology are not in the direct line of sight.

BED HEAD UNITS



MEDICOP

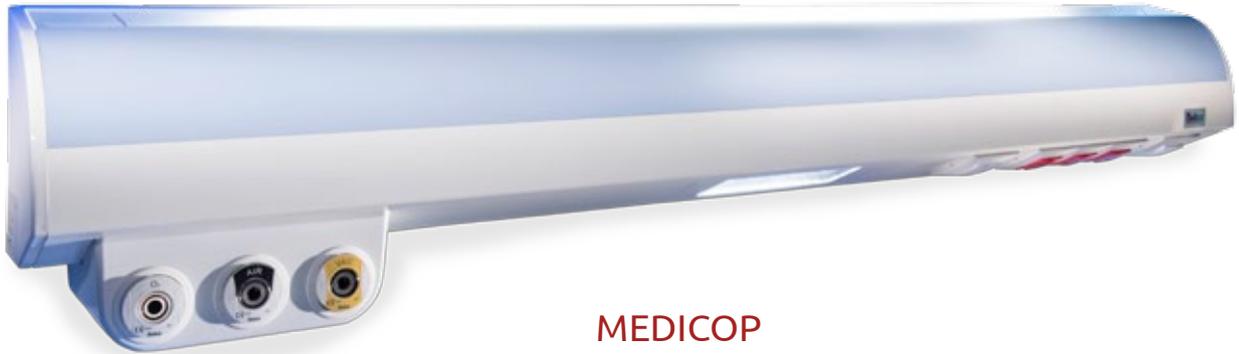
BHU-MEDICOMPACT

The BHU-MEDICOMPACT bed head unit is perfectly designed for use with hospital beds that require access to a number of electrical, telecommunications and medical gas outlets. The unit housing is made of extruded aluminium and powder coated.

BHU-MEDICOMPACT bed head units conform in all respects to ISO EN 11197 and IEC EN 60601/1 standards and deliver a number of important features and benefits.

Features and Benefits

- Complete safety
- Multipurpose design
- User-fit and user-friendly



MEDICOP

BHU-MEDILIGHT

The BHU-MEDILIGHT bed head unit is the perfect solution for patient rooms and departments that require good, flexible lighting, power, communications and medical gas outlets exactly where and when they are needed. All Medicop unit housings are made of extruded aluminium and are powder coated.

BHU-MEDILIGHT bed head units conform in all respects to ISO EN 11197 and IEC EN 60601/1 standards and deliver a number of important features and benefits.



MEDICOP

BHU-MEDINTENSIVE

BHU-MEDINTENSIVE ceiling-mounted bed head units are aimed particularly at intensive care wards, where effective patient care requires a number of energy and medical gas unit connections, as well as room for various medical devices and accessories. A rail carrier is installed between the two units and is equipped with mobile consoles to accommodate various medical devices and accessories. Mobile consoles come in a variety of forms – as shelving, drawers, rails, stands for infusion equipment and more.

ICU BEDS



WISSNER-BOSSERHOFF

multicare

Intensive care bed

Multicare is a highly modern ICU bed of supreme quality, which not only meets these demands, but exceeds them by systematically taking the strain off the nursing staff. Furthermore, it can even actively contribute to the recovery process and offers unparalleled functionality: Lateralisation on the intensive care unit is a function that not only reduces strain in everyday nursing, but also speeds up the patient's recovery.



WISSNER-BOSSERHOFF

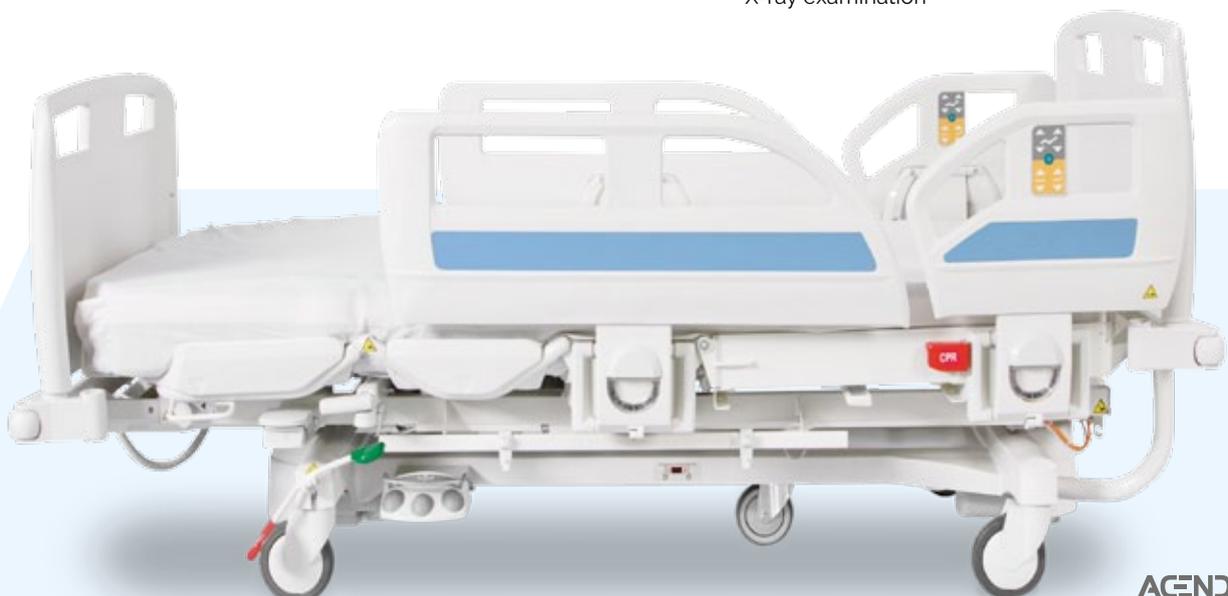
eleganza 3XC

Intensive care bed

The progressive features of the eleganza 3XC bed are designed to meet the high demands of intensive care. This modern bed, with its column construction, offers an integrated programme to assist caregivers in saving the lives of critical patients.

Selected Features

- Maximised respiratory function
- Comprehensive falls prevention
- Safe gaps concept
- Integrated scales
- Automatic i-brake
- Pro-active recovery with Mobi-Lift
- Effective pressure area care with the Ergoframe®
- Effective ICU nursing using foot controls
- Easier transportation
- X-ray examination



ICU BEDS



WISSNER-BOSSERHOFF

eleganza 2

A smart acute bed

The Eleganza 2 pushes the boundaries of safety standards, quality of workmanship and design. It is the first bed of its kind, and so defines the genuinely modern bed. It contains all sophisticated functions, including "smart" properties and is also accessible for the broad spectrum of healthcare. The Eleganza 2 is a practical and beautiful bed. Thanks to its properties it meets all the needs of each hospital ward. The Eleganza 2 makes demanding day-to-day patient care easier, and thanks to its modern design it shifts the perception of the care provided to a far higher level.

Selected Features

- Pioneering mobilisation
- Unique Mobi-Lift
- Safe concept
- Indicator of safe position
- Plastic mattress platform
- Backlit angle gauge
- Universal box „Handy“
- Urine bag holder
- Fixed adaptors in corners
- Universal holder for handset and equipment
- Automatic halting of backrest at 30°



THE SURGICAL COMPANY

Mistral-Air[®]

Warming Unit and Reflective Blankets

The Mistral-Air[®] Plus warming unit is very powerful, silent and provides a constant temperature to your patient within only 60 seconds. The Mistral-Air[®] Reflective Blankets have a reflective top layer which reflects your patient's radiant body heat and preserves body temperature. The reflective technology allows also passive use for the pre- and post-operative phases.

Also pre-operatively this blanket can protect your patient from getting hypothermic. And even without a warming unit connected to the blanket, the reflective layer will increase the warming capacity and will reflect the patient's radiant body heat, preserving the body temperature.

INTENSIVE CARE VENTILATORS



LÖWENSTEIN MEDICAL

Elisa 800^{VIT}

Intensive care ventilator with fully Integrated Tomography (VIT)

Elisa 800 VIT is worldwide the first Intensive Care Ventilator with Integrated EIT System. The non-invasive pulmonary monitoring of the Elisa 800 VIT visualizes for the first time ventilation-related complications and allows for direct therapy at the intensive care ventilator. As a result, ventilation becomes transparent as well as directly controllable. The introduction of this innovative technology marks a new chapter in intensive care ventilation.



LÖWENSTEIN MEDICAL

Elisa

Universal intensive care ventilator

The Elisa is an intensive care ventilator for adults and children from the age of one year or a body weight of 5 kg. It can be optionally used for ventilation of newborn patients with a body weight from 2 to 6 kg. Modern microprocessor technology, precise measurement techniques and efficient technologies assure an accurate ventilation therapy and individual ventilation strategies. Invasive and non-invasive ventilation - Elisa provides the clinical practice orientated combination of both invasive and non-invasive ventilation in a single device.

Benefits of Elisa

- Dynamic BiLevel to avoid volutrauma
- Wide range of respiration forms from newborn to adult / from IPPV to BiLevel
- Innovative pre-oxygenation function to reduce oxygenation determined dystelectasis
- 12" TFT touchscreen with a swivel-mounted and colour display
- Automatic patient detection (APD)
- Reduced patient stress by intelligent alarm management
- Automated adaptation of inspiration pressure according to the type of ventilation
- Even the failure or inadvertent removal of the screen has no impact on continuous ventilation.



The combination of measured values from the intensive care ventilator with the results of electrical impedance tomography:

- Reduces intra-hospital transports of critically ill ventilated patients
- Objectivises ventilation settings and allows for adjusting them under visual control
- Helps identify and reduce ventilation-related complications
- Allows for managing prone positioning therapy with pulmonary monitoring to optimize ventilation
- Provides data to analyze regional compliance
- Identifies and prevents pulmonary collapse associated with the respiratory cycle
- Helps detect overdistension, which can be counteracted by changing the ventilation settings
- Offers real-time adjustment options for optimal PEEP

INTENSIVE CARE VENTILATORS



LÖWENSTEIN MEDICAL

Elisa 600

Elisa 600 is an innovative standard breathing ventilator for invasive and non-invasive artificial respiration in the case of all clinical conditions, for all intensive care activities and for patients weighing 3,5 kg and more. A variety of hardware and software options allow for individual configuration to be made according to the requirements at hand, as well as providing for an artificial respiration platform that is assured a good future.



LÖWENSTEIN MEDICAL

Charisma

CPAP therapy in the 21st century

Charisma is a state-of-the-art device for constant positive airway pressure therapy.

Benefits of Charisma

- Coloured touch screen: intuitive user guidance
- Automatic flow adjustment and adaption
- Unique: no reservoir bag needed
- Dynamic leakage compensation
- Cost efficiency by low gas consumption
- Drug nebulizer

Direct input of oxygen concentration and PEEP

Gas mixture tables, readjustment of flow and uncertainties in mask leakages are things of the past. The user enters directly PEEP and oxygen concentration. charisma verifies the ventilation accessories used and guarantees the secure compliance of the parameters set.

Dynamic compensation of leakage

Older CPAP equipment, working with Continuous-Flow-Principle, had to be adjusted manually to the gas flows offered in order to compensate variable mask leakages. When the supply of flow was too low, the set PEEP value could not be realised and the danger of alveolar collapse appeared. charisma combines the established Demand-Flow with the Continuous-Flow-Principle, readjusts the necessary flow continuously and controls the PEEP set



INFUSION PUMPS





ARGUS

ARGUS 717/718 V

Flexible and safe in every way

ARGUS 717V/718V volumetric infusion pump is suitable for administering large volumes of medication in general care and intensive care as well as neonatology and pediatrics. The latest technology and ultimate flexibility are the main features of this product. The supplementary medication database ARGUSmedDB supports the user in efficient and safe handling.

Benefits

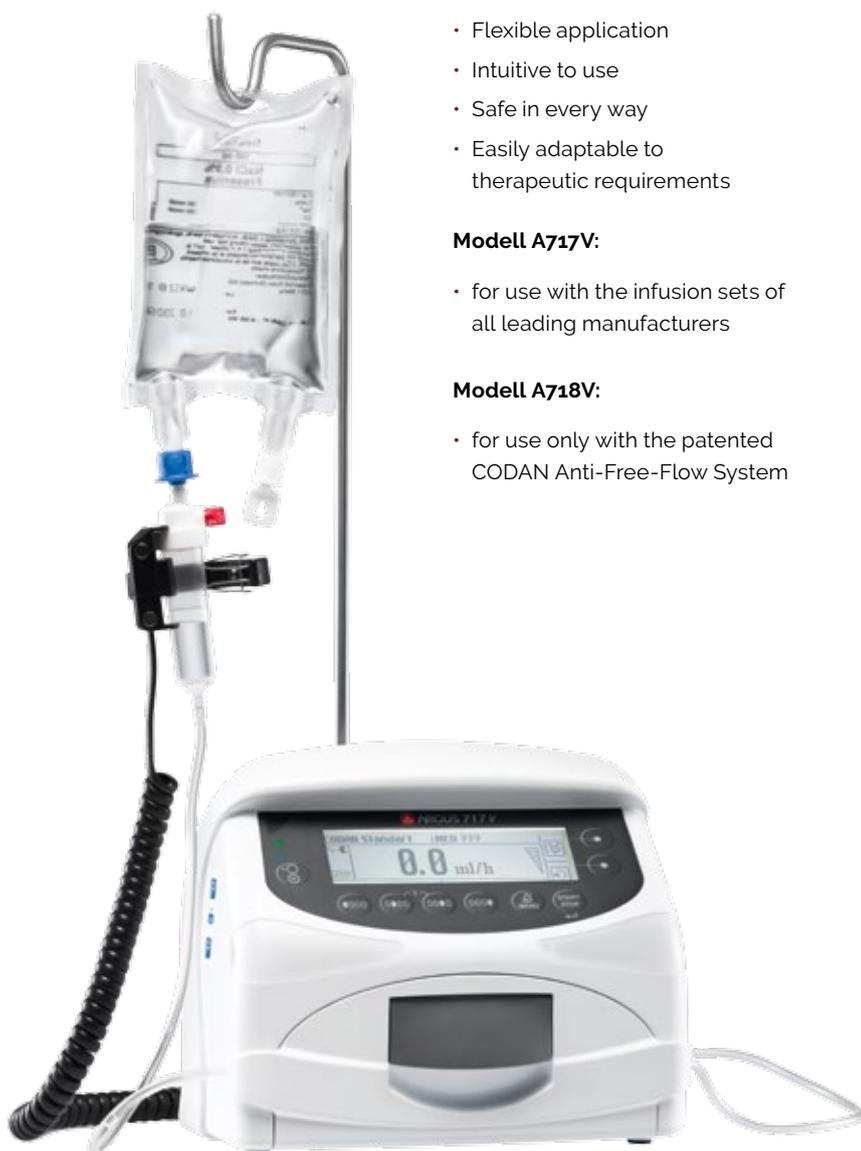
- Flexible application
- Intuitive to use
- Safe in every way
- Easily adaptable to therapeutic requirements

Modell A717V:

- for use with the infusion sets of all leading manufacturers

Modell A718V:

- for use only with the patented CODAN Anti-Free-Flow System



SYRINGE PUMP & DOCKING STATION



CODAN ARGUS

A616S InCare & A616S TCI

Syringe pump

The CODAN A616S - Syringe Pump is a continuously refined device, fitted with the latest technology.

There are two product variants of the device – A616S InCare and A616S TCI (with medication database on request). The highly flexible devices are ideal for deployment on intensive care wards, for anaesthesia and for general care.



ARGUS

Docking Station

Compatible with ARGUS infusion and syringe pumps

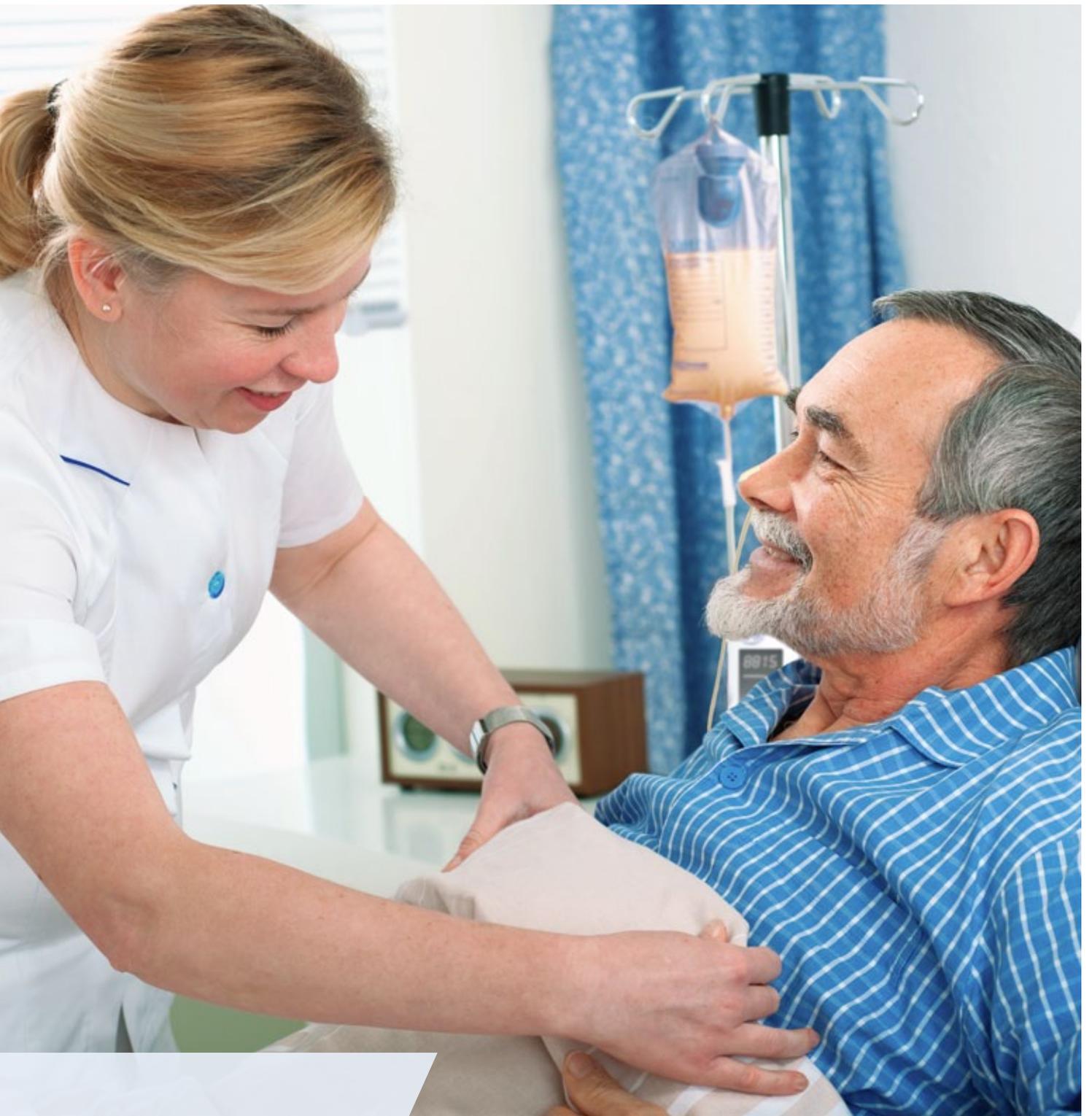
Syringe and infusion pumps can be docked in different combinations and quickly and safely inserted and removed for greater safety and efficiency at the workplace. Data communication options allow connecting the system to PDMS (patient data management systems).

Benefits

- Ready for immediate use
- Flexible and versatile
- Easily adaptable to therapeutic requirements
- Automatic detection and display of syringe brands and sizes
- Compatible with ARGUSmedDB, the medication database for safe drug pre-settings



FEEDING PUMPS



FRESENIUS KABI

APPLIX® Smart

Enteral Feeding Pump for continuous application

- Continuous programme (1 – 600 ml/h)
- Large illuminated display
- Pump holder with various connection possibilities
- Easy cleaning due to a removable door
- Adjustable alarm volume
- Priming function
- Battery or power supply
- Battery life 24 h at 125 ml/h
- Splash proof
- Connection possibility to nurse call system
- Optional keypad lock
- Free-flow protection with patented tube clamp



FRESENIUS KABI

APPLIX® Vision

Enteral Feeding Pump for intermittent application

- Continuous programme (1 – 600 ml/h)
- Large illuminated display
- Pump holder with various connection possibilities
- 3 different application methods
- Easy cleaning due to a removable door
- Adjustable alarm volume
- Priming function
- Battery or power supply
- Battery life 24 h at 125 ml/h
- Splash proof
- Connection possibility to nurse call system
- Optional keypad lock
- Free-flow protection with patented tube clamp



INTENSIVE CARE MONITORING



Masimo SET®

ACENDIS

APM 600

Multi parameter patient monitor

The APM patient monitor series, including APM 300 and APM 600 has been designed to meet everyday clinical requirements, integrating seamlessly into the hospital workflow.

In acute care, a patient monitor must be reliable, easy to use, upgradeable with advanced parameters, while allowing data access when and where needed. In case of patient transport, the device should be easy to carry. With its lightweight and plug-and-play modular design, powerful functions and intuitive user interface, the APM patient monitor is therefore an optimal choice.

Features and Benefits

- designed to meet the requirements of various hospital environments
- parameters fit every standard monitoring demand
- optional modules upgrade the APM 600 series to suit acute care monitoring
- exceptionally user friendly thanks to: intuitive interface, including mass alarm set up, large font, and view-other-patient functions, touch screen, rotary knob and customized quick keys
- APM-600 series is compatible with a full range of mounting options, its integrated quick-release mount allows to conveniently and quickly mount it for bedside monitoring and dismount it for transportation
- built-in recorder and automatic event recording function guarantee the integrity of monitoring data
- ACENDIS APMs provides three SpO2 options: ACENDIS, Masimo and Nellcor



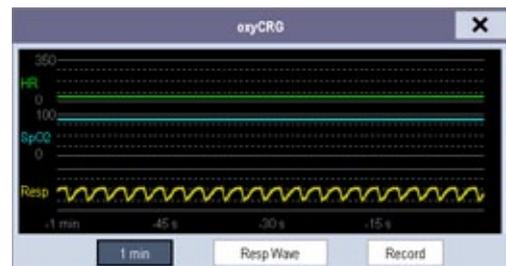
Professional ECG tools, especially designed for cardiology departments



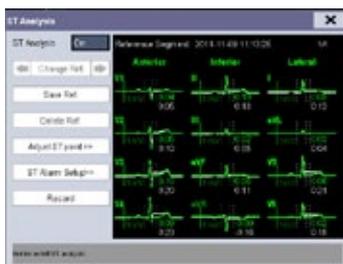
Early warning score



Mini-trend for easier trendanalysis



OxyCRGdisplay mode for neonatal monitoring



Complete data review



Mass alarm settings on one screen



View-other-patient and remote alarm control functions

INTENSIVE CARE MONITORING

CONVENIENT AND ERGONOMIC DESIGN



A one-touch mechanism allows to quickly disengage the monitor from the wall mount or rolling stand for transport.



A bed-rail hook is embedded in the handle and allows for quick and reliable mounting.



A 360-degree viewable alarm for safe patient care. The top alarm indicator can be seen from any angle and thus allows the clinician to react quickly to critical situations.



Side stream EtCO₂+IBP+C.O.

Ideal solution for both intubated and non-intubated patients in acute care where capnography measurement is needed.



Micro stream EtCO₂+IBP+C.O.

While supporting patients of all ages, the module has been designed especially for neonates.



Main stream EtCO₂+IBP+C.O.

No warm-up time, short rising time, enhances efficiency.



Multi-gas +BIS

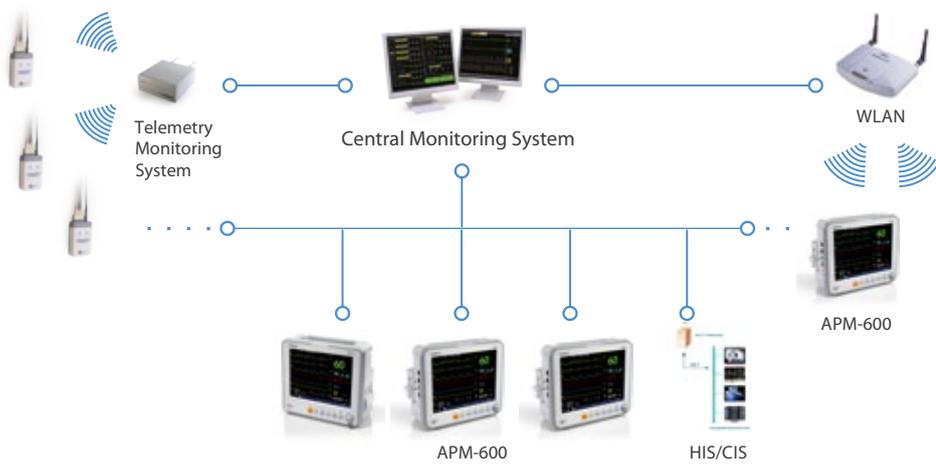
World's smallest Anesthesia Gas module. Ideal solution for OR.



The fanless design for low noise and less dust, which is helpful to reduce cross infection risk.

Its compact and ergonomic design allows the module to be easily inserted and released using just one hand.





Example of hospital network structure

ACENDIS

Central Monitoring System

Optimized Connectivity for Improved Information-flow

ACENDIS APM Series is able to connect with the Central Monitoring System and eGateway through both wired and wireless network.

By applying HL7 protocol, APMs can be connected to the Hospital Information System. The solution improves the information-flow and eliminates the risk of transcription errors.

APMs view-other-patient function allows real time information exchange between bedsides. Up to 10 beds can be viewed simultaneously. This helps to establish an efficient network solution even without central monitoring system.

APMs record up to 48 hours of full disclosure waveforms and 120 hours of graphic and tabular trends. This helps caregivers to provide earlier and more accurate diagnosis.

INTENSIVE CARE MONITORING



ACENDIS

APM-300

One Touch Patient Care

Through its simple and intuitive display with optional touch control, ACENDIS APM offers instant access to all functions and allows you to monitor your patients quickly and easily. Customisable hot keys provide shortcuts to the most frequently used functions, saving you time for patient care. A compact and light weight design make ACENDIS APM easy to carry while optional bedrail mounting allows for convenient in-hospital transport.

Due to its fan-less design, ACENDIS APM delivers improved battery run-times with cleaner and quieter performance. The robust but lightweight structure makes the APM the ideal portable monitor.

With optional LAN and WiFi capability, ACENDIS APM networks seamlessly with Central Monitoring Systems and beyond. This provides you with convenient access to real time patient information - even during transport.

ACENDIS APM's preconfigured parameters meet standard clinical requirements, making it the ideal monitor in many hospital areas, including Emergency Rooms, Recovery Units, General Wards and Outpatient Areas.



Features and Benefits

- "No-fan design" allows for a quiet care environment. Preventing dust collection and reduces the risk of airborne contamination.
- The lightweight APM 300 is ideal as a portable monitor, with an integral carry-handle.
- The user-configurable touch screen is 10.4", with 800 x 600 high-resolution and up to 8 traces.
- Optional measurement capability of IBP, Cardiac Output and EtCO₂ to meet your advanced monitoring requirements
- Quick keys help caregivers to rapidly access frequently used functions such as trend review, and alarm settings and useful display modes, including large fonts and mini-trends.
- Powerful data storage for up to 48 hours full-disclosure, 120 hours of tabular and graphic trends, 1,000 NIBP measurements and 100 alarm events.
- Li-ion battery allows for up to 4 hours of continuous monitoring.
- Alarm light is visible from 360 degrees
- Ergonomic buttons enable quick access to commonly used functions, such as alarm silence and start NIBP.
- The integral 3-trace thermal recorder provides waveform and data reports for diagnostic support.
- ACENDIS APMs provides three SpO₂ options: ACENDIS, Masimo and Nellcor

TROLLEYS



AURION

Unibody System

Trolley body and drawers moulded in a single piece of Baydur Polyurethane, that assures incomparable sturdiness, hygiene durability and thanks to a wide range of accessories, can have endless possibilities of configuration.

The standard basic body always includes:

- Catheters compartments
- Used needle bucket/used cotton waste container
- Live-saving drug drawer
- Ampoule opener
- Waste bin with lid
- Sliding working top surface
- Stainless steel 18/10 medication basin
- Oxygen tank holder
- 2 clear plastic swinging pockets
- 2 utility hooks
- 4 Swiveling Ø 125 mm castors (with brake)





AURION

Emergency 3 & 4

- Seal lock
- 3 Drawers H 100 mm
- 2 Drawers H 150 mm
- Drawer divider kit - adjustable
- IV pole - adjustable
- Defibrillator holder tray
- CPR massage board
- Electric plug

Emergency 4

- + Shelf for suction shelf



AURION

Mini 600

MINI 600 is compatible with ISO 600 x 400 trays and it can be accessorised with files holder, doors.

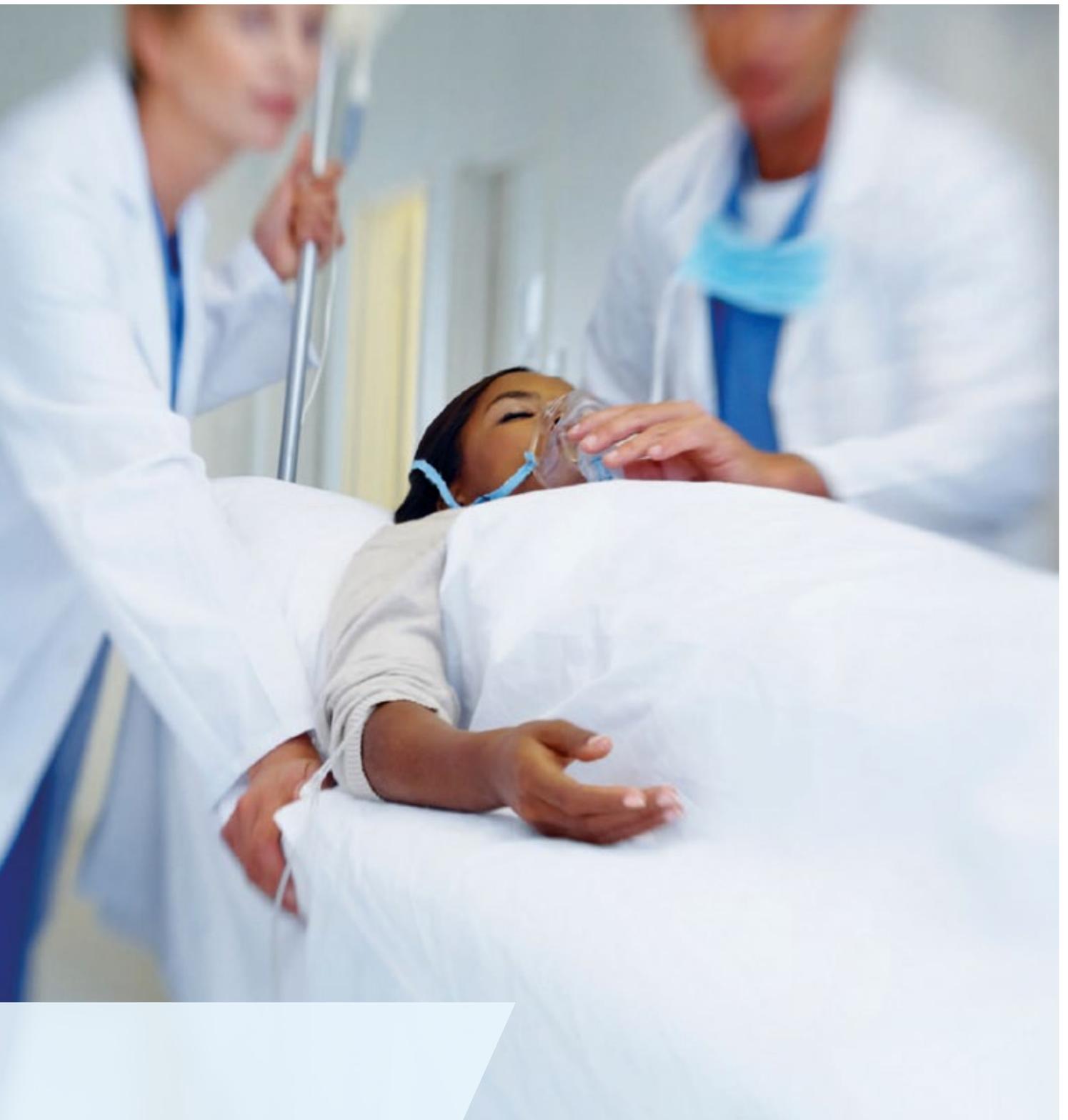
AURION

CP Medication

- Key lock
- 4 Drawers, H 150 mm, light blue
- Dispenser with tilt-out bins
- Plastic basins
- Glove box holder
- Disinfectant dispenser



EMERGENCY RESPIRATORY CARE





WEINMANN

MEDUMAT Transport

You've just put on your uniform when the first alarm sounds, quickly followed by the call to a heart attack victim and transport of an intensive care patient. Everyday work in emergency medical services and hospitals poses one challenge after the other.

Features and Benefits

- Device ready for immediate use
- Simple, intuitive operation
- Ventilation of adults and children
- Hygiene input filter protects from contamination
- Several functions for different ventilation modes
- Wireless data transmission via Bluetooth® (optional)
- Customized pre-configuration
- The portable systems meet your mobility requirement

WEINMANN

MEDUcart

Professional Rolling Stand for Ventilation and Oxygen Supply in Hospital

Every second counts in an emergency. There is no room for error, especially when the patient needs assistance with breathing. Fast and correct action can save lives. The demands made on emergency medical services (EMS) are high in such situations and easy operation of the ventilator is indispensable. MEDUMAT Standard² is the perfect partner for precisely this.

Features and Benefits

- Quick and easy access to the right ventilation with entry of height or via emergency mode for adults, children and infants
- CPR mode for guideline-compliant cardiopulmonary resuscitation
- RSI mode for reliable support with induction of anesthesia
- CPAP mode with optional pressure support ASB for non-invasive therapy in pre-hospital treatment



PHOTOTHERAPY AND INCUBATOR





ATOM

Incu I

Intensive care incubator

With the Atom "incu i" the safety of the infant is improved. It gets a maximum of protection against infections. Additionally the work efficiency of the medical staff is improved.

Features and Benefits

- Touch control panel
- Silent operation for developmental care
- Rotary damper for silent operation of the admittance panel
- Snap-open access ports can be opened and closed silently
- Double lock system
- Prevention of temperature loss
- External X-ray cassette tray protects the infant from stress
- Air curtain to minimize a drop in the incubator air temperature
- Excellent visibility
- Prevention of infection
- Easily detachable humidity chamber
- Sanitary structure for through cleaning of the unit
- Electro static filter



ACENDIS

BT-400 Azura LED

Phototherapy lamp

The ultimate solution for Neonatal Jaundice treatment. ACENDIS BT-400 Azura LED has blue LED lamp so that it is much more curable and effective than ultraviolet light lamp phototherapy such as fluorescent or halogen one.

Features and Benefits

- 20,000 hours operating time
- less side-effect of heat
- display for treatment and total using time
- Light weight and compact size
- Flexible neck for easy use



PEDIATRIC INTENSIVE CARE VENTILATORS FOR LITTLE PATIENTS



LÖWENSTEIN MEDICAL

Leoni plus

Suitable for long-term ventilation

Features and Benefits

- HFO according to the membrane principle
- Volume-controlled ventilation and PSV ventilation
- Separate nCPAP and nIPPV modes for non-invasive breathing support with premature and full-term infants
- VT trigger adaptation (10 sensitivity levels)
- 12" colour display
- Even the failure or inadvertent removal of the screen has no impact on continuous ventilation.

CLAC *inside*



CLAC Option

Closed-Loop Automatic
Oxygen Control

CLAC takes the routine adjustment of the inspiratory oxygen (FiO₂) in inspiratory gas off the clinician's shoulders by constantly monitoring the demand and condition of the patient in adapting the equipment settings accordingly. Thus, the user is relieved of the routine tasks.



Löwenstein Medical selected Masimo SET (Signal Extraction Technology), because of "best-in class" SpO₂ algorithm performance, ensuring reliable readings under challenging monitoring conditions (low perfusion and movement artifact), which is essential for the functionality of the CLAC Option.



LÖWENSTEIN MEDICAL

Leoni 2

Neonate and child intensive care ventilator

Features and Benefits

- Compact and light weight unit
- Ventilation of premature infants, neonates and children up to 30 kg
- Two flow sensors available, one for premature infants and neonates and one children's sensor
- Stand alone setting of the inspirational and basic flow
- Easy preparation of the expiration valve
- Volume-limited ventilation
- PSV
- nCPAP and nIPPV
- VT trigger adaptation
- LCD graphic display
- Waves and loops
- Battery for up to 2.5 hours

FISHER & PAYKAL

MR850 Heated Humidifier

Features and Benefits

- One button selects optimal temperature and humidity levels for adult, pediatric and neonatal patients
- Easy set up with simple controls and an easy to read display
- Clinically based alarm system
- Advanced algorithms and the ability to sense flow optimises humidification delivery and minimises nuisance alarms
- Automatic standby during periods of gas flow interruption or water out



PEDIATRIC INTENSIVE CARE VENTILATORS FOR LITTLE PATIENTS





LÖWENSTEIN MEDICAL

NeoJet™ – nCPAP-system

For premature infants and babies

The NeoJet System expands the application range of Löwenstein Medical ventilators Leoni 2 and Leoni plus by an optional non-invasive CPAP. When nasal prongs or nasal masks are used, NeoJet works almost non-invasive without reducing the airway holes.

Five prong sizes and two different masks can individually be adapted to the little patient. At the ventilator, the required pressure can be directly adjusted, monitored and even kept constant in case of varying leakages.

LÖWENSTEIN MEDICAL

Sindi – nCPAP Driver

Generator for supportive respiration

Therapeutic enrichment of the respiratory gas mixture with oxygen for neonates and premature babies. Sindi is a generator for supportive respiration with a constant positive airway pressure.

- Display of nCPAP pressure in analogue curve and digital form
- oxygen concentration in bargraph and digital form
- spontaneous breathing frequency in blinking and digital form
- flexible setting upper and lower alarm for nCPAP pressure
- Reset for alarms - mute 2 minutes or quit
- Disconnection alarm for nCPAP (if pressure is to low)
- Integrated service software
- Battery operating for about 6 hrs. with charging control



NEONATAL WARMING SYSTEMS OPEN CARE





LÖWENSTEIN MEDICAL

Lifetherm 2000

Heat bed – warming cradle

Warming cradle with effective thermo-transmission through optimised and focused radiation, precise electronically adjustable desired temperature, display of actual temperature, infinitely variable height adjustment with foot or hand switch, prone position, infinitely adjustable.

Features

- Effective heat transfer due to panel heater
- Precision electronic adjustment of set temperature
- Display of current temperature
- Infinite electronic height adjustment
- Gentle electric bed tilting at the press of a button
- Front and side panels are prepared to turn down
- Gel mattress

LÖWENSTEIN MEDICAL

Lifetherm 2002 / 2003

Heat bed – resuscitation unit

Two basic versions available with a wide variety of options for optimum adaptation to the intended use and needs of the infant and the operating staff.

Features

- Swiveling, fast-response radiant heater with integrated examination lamp
- Conductive heat by a heated gel mattress
- Quiet, electric height adjustment (up to 30 cm)
- Gentle electric bed tilting by button pressing
- Fold-down side panels available in various heights
- Skin temperature control and display
- Trays which allows attaching of control panels and ventilator



HEAT THERAPY LAMP

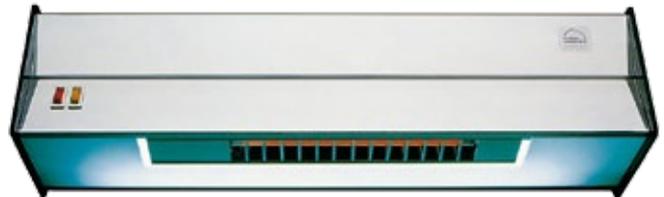


LÖWENSTEIN MEDICAL

Sterithermolux

Diaper-changing table lamp

The Sterithermolux is a diaper-changing table lamp designed to stabilise the body temperature of newborns and for use in delivery rooms or in wards for premature and newborn infants. Sterithermolux limits the immediate heating area via an adjustable radiant reflector which can be focused on the infant without causing any change in the room temperature. The threefold heating effect allows for radiated heat to be dosed as required.



LÖWENSTEIN MEDICAL

Isotherm

Infant radiant warmer

The Isotherm heating lamp is specially designed for the warming of infant diaper changing tables and maintaining a baby's body temperature. It is equipped with a ceramic heating element and an integrated halogen examination lamp.

- Generated invisible infrared radiation (the infant's skin colour is not altered)
- Four power settings (factory settings of 25, 50, 75 and 99%)
- Heating power can be set as desired depending on ambient and infant body temperature
- Heating power of the four levels 1-4 can be set individually
- Integrated Ceramic lamp, scale-free filament with integrated halogen examination lamp (glare-free)
- Thermal convection – caused by considerable differences between skin and ambient temperature
- Controlled dosage of radiation intensity
- Available with a mobile stand, different wall- or ceiling mountings



BEST NEONATOLOGY CLINIC IN EUROPE



LÖWENSTEIN MEDICAL REFERENCE

Karolinska University Hospital

Karolinska University Hospital is one of Europe's premier health facilities. Together with the world-respected Karolinska Institutet, we lead in development and medical break-throughs.

The BioClinicum research centre

With BioClinicum, a large part of Karolinska University Hospital's research environments are being collected together in Solna. The research centre represents an important stage in promoting research that is close to the patient, and in accelerating the transition from research to treatment methods.



„Hannover - One of Europes greenest Citys.“

International Hospital Projects by ACENDIS **Holistic, client-driven solutions made in Germany**

ACENDIS started as a project company in 1995 with the aim of being a reliable and competent partner for hospitals and health care facilities. Today, we can claim to have not only achieved this goal, but also to have far exceeded it. Hospital operators and owners worldwide use the extensive services of ACENDIS. We are happy to share our know-how and experience from more than 250 projects in more than 15 countries, because they give us the opportunity to act reliably and in a goal-oriented manner on behalf of our customers. We are always there for you, before, during and even long after project completion. We offer comprehensive support over the entire project period, according to our motto „Together. All the way“. Professional competence, trust and the

will to achieve the best for you, our customers, make us stand out. With our branches and partners in Europe, the Near and Middle East, and North Africa, we are available for you directly on site and know the regional conditions and people. Would you like to get to know us better? Our competent project team will be happy to show you the numerous advantages that will benefit you when working with ACENDIS. As a German company, we would like to invite you to visit our headquarters in Hanover, in the north of Germany. Convince yourself personally of the benefits of our city, our team and of ACENDIS as your new project partner.



ACENDIS
Together. All the way.

Headquarters

 **ACENDIS**
Wohlenbergstr. 5
30179 Hannover
GERMANY

Tel. +49 511 - 1 83 83
Fax +49 511 - 71 77 29
contact@acendis.eu
www.acendis.eu