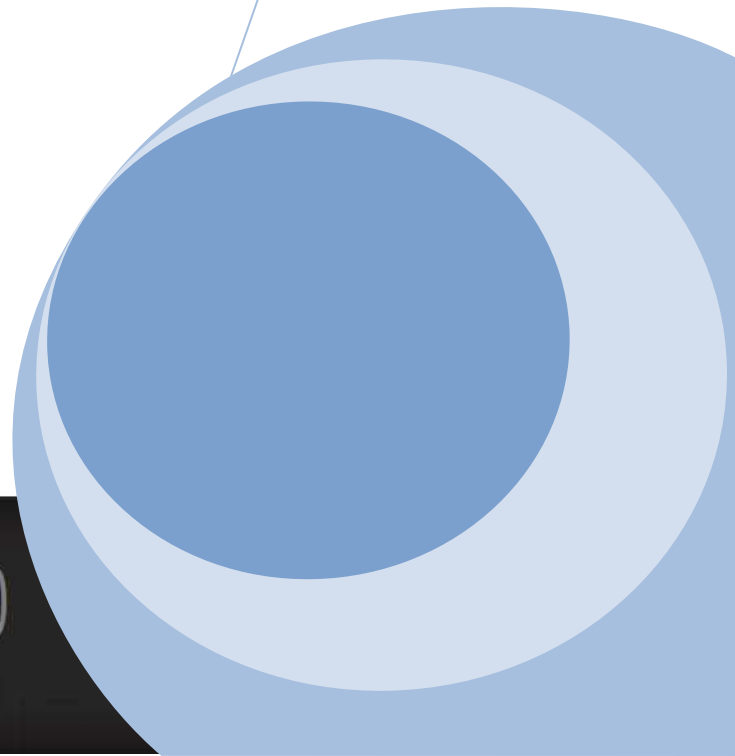# ITs 4 H.E.ALT.H S.A.L

IT solutions for Health & Education Alternatives, Hassel free

"We deliver technology to the point of care"

03.52.26.20

Index

www.ITs4HEALTH.com

Neusoft

Healthcare IT solutions for medical industry and personal healthcare network service

Offering a wide range of products and services inclusive of medical imaging equipment, e-hospital solutions, regional medical, and personal healthcare, Neusoft Medical is committed to technology innovation and development ranging from hardware to software, from technology to service to deliver customized solutions and services for both hospitals and individuals from either urban cities or rural towns. Focusing on your health always, we are missioned to create a healthy life for you and your families by technology.

Neusoft provide hospitals of all levels with over 50 different models of digital medical imaging systems. Categorized in 10 series they include among others, CT and MRI scanners, digital X-ray as wells as diagnosis ultrasound systems. In addition, we have also delivered comprehensive, patient-centered e-hospital solutions including HIS, CIS, LIS, EMR, PACS, RIS, CAD and remote diagnosis.

We also provide public health services, medical security, new rural cooperative and regional medical services, drug supply insurance and other similar systems and solutions for government agencies.

As of today, we are providing our services to more than 5000 customers and partners in the fields of medical systems and healthcare.

Medical Imaging Equipment

Neusoft Medical provides a wide portfolio of medical equipment which design for doctors' accurate and efficient diagnosis.

CT

NeuViz 16-16-Slice Scanner System

Features

The Neusoft's NeuViz 16 offers cost-effective 16-slice computed tomography with multi-detector capabilities for maximum patient throughput in an exceptionally compact design.

- Cost-effective 16 slices scanner supports high-tech care at a lower cost
- 5.0 MHU tube configured with powerful 50 kW HV generator
- 24 mm volume coverage and 0.75 mm slices enable advanced motion-sensitive applications
- Advanced algorithms create impressive image quality for routine neuro, ortho and body imaging
- DoseRight design delivers optimal dose efficiency without compromising image quality
- Maximum patient throughput with an exceptionally compact design
- Operator's console establishes an efficient environment for acquisition, reconstruction and post-processing
- Remote Service package links your scanner directly to an online service center

Our Advantages, Your Benefits

Newly designed detector
Integrated detector with DAS system, dramatically improves signal to noise ratio, while the widest detector coverage in its class enables high resolution scanning, shorter breath-hold times, lower patient dose and improved patient comfort.

DoseRight modulation without compromising image quality
Neusoft is continually looking for ways to reduce the risk of radiation while expanding the benefits of diagnostic imaging technology. The NeuViz 16 embodies this committment with the highest dose efficiency on the market.
NeuViz 16 offer DoseRight modulation optimization tools that enhance user experience, improve image quality and save patient dose up to 50%.

Patented technology for dynamic focusing
Dynamic Focal Spot enables ultra-high spatial resolution in axial and spiral scanning by sampling two fan beams alternately, doubling the reconstruction data samples.

Unique embedded software technologies-CAD software solutions
The NeuViz 16 offers a full suite of unique CAD software solutions to support confidence in diagnoses and provide a competitive edge over other CT scanners.

Product Brochure
NeuViz 16

3

NeuViz Single-Slice CT Scanner System

Fully realize your diagnostic potential

NeuViz slingle slice CT scanner helps provide exceptional patient care with excellent image quality and advanced clinical applications at an affordable cost.

Features

- Bring new level of quality, simplicity and reliability to CT imaging;
- Fast scan speed with scan time up to 0.8s enables examinations like thorax study in one breath-hold, and greatly reduces motion artifact;
- New design of gantry with large 70 cm bore and ±30° tilting enables the examination of corpulent patients and complicated patient positioning;
- Compact size, low installation and lifecycle cost;
- Excellent image quality with thickness down to 0.8mm at low dose provides finest details for accurate diagnoses;
- Easy and user-friendly interface guides the operator and workflow automatically to higher patient throughput;
- Automatic Voice and Graphic Prompt Breathing are helpful to guide children & the elderly;
- DICOM Standard 3.0 interface.

Product Brochure
NeuViz Single-Slice CT Scanner

NeuViz Dual-Slice CT Scanner System

An affordable and reliable system with the newest, future-oriented technology

NeuViz Dual is a sub-second, sub-millimeter acquisition system adapted for economical day-to-day clinical routine. The system offers the latest developments in CT technology for superb image quality and dose efficiency.

Features

- 0.8s full 360° scanning, 0.9s reconstruction time and 0.8mm minimum slice thickness;
- A wide portfolio of clinical applications;
- 2X10mm dual slice GOS solid detector;
- Auto film and auto sending make image processing more convenient;
- Sub-second full 360° scanning, sub-second reconstruction time and sub-millimeter slice thickness;
- 2X10mm dual slice, high efficiency detector;
- Powerful generator and high heat capacity X-ray tube provide excellent spiral scanning ability and extra stability;
- Optimal dosage control and low dose scanning protocol for children;
- Comprehensive standard and optional software packages adapt to a wide range of basal and advanced clinical diagnoses;
- DICOM Standard 3.0 interface.

Product Brochure
NeuViz Dual-Slice CT Scanner

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MRI

NSM-S15 (Sparkler 1.5T)-Superconductive MRI System

Comfortable, Ideal, Fast, and Worry-free.
Sparkler 1.5T (NSM-S15) delivers the performance and application available at the investment & cost you expect, making 1.5T possible and easy to have.
A new 1.5T solution designed for you - Simple, Practical, and Affordable
Starting a new era for 1.5T MRI expands its application to more patients......

Let our advantages benefit you

Comfortable and easy patient experience by humanistic design
    Extremely examination environment
- Broad aperture increases air ventilation;
- Reduced claustrophobia and phobia of patient during examination.
    Extremely open positioning space
- Bed can be lowered below 685mm to facilitate patients;
- No machinery device under bed to facilitate doctors' positioning and placement operation.
    Extremely quiet super-conductive system
- SofTone gradient noise reduction technology to reduce noise for more patient care;
- While guaranteeing imaging quality and clinical application, patients and operators will benefit from the process with improved comfort and examination efficiency.
    Free full-body MR imaging
- Integrated coil imaging increases patients' comfort;
- No coil loss, efficient and safe.

Perfect balance of software and hardware and perfect combination of technology and clinical demand.

    Excellent overall performance, originated from stable support from robust software and hardware systems.
- On the NSM-S15 platform with srobust performance, exquisite processing and state-of-art technology are exhibited from magnet to computer. In particular, perfect balance of software and hardware is seen in the configuration of overall scanning toolkit.
    Constantly refreshing acquisition record by efficient application of SENSE technology
- SENSE parallel acquisition technology is a revolutionary contribution to MR quick acquisition technology. It is much faster than conventional methods, which helps boost imaging speed by increasing field intensity. Meanwhile, SENSE technology ensures acquisition of high-definition images within a short period of time.
    Optimized workflow
- Strong and easy-to-use application interface to effectively arrange scanning, display and post-processing;
- Overall scanning toolkit and scanning protocol provides trust-worthy diagnosis basis.
    Small installation footprint & easy maintenance
- Typical layout with a small footprint;
- Innovative and intelligent system design;
- Easy for installation and convenient for operation and maintenance;
- Modular RF screening and electromagnetic screening.

Product Brochure
NSM-S15 (Sparkler 1.5T)-Superconductive MRI

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Superstar 0.35T

Image is Everything

Superstar 0.35T MRI system is designed and developed to provide the optimal openness and patient comfort for a wide range of procedures, while providing excellent diagnostic image quality.

It combines Philips' advanced technology with Neusoft's Permanent Open Magnet. The Multi-Channel RF system and strong gradient configurations ensure advanced imaging capabilities for a wide range of clinical applications.

Features

- Reliability of a 0.35T C-type Permanent Magnet with super open design;
- Superior field homogeneity in all fields of view. --- 1.8 ppm in 36cm DSV Vrms;
- Gradient strength of 26mT/m guarantees high spatial resolution imaging surpassing;
- Outstanding Slew Rate of 67mT/m/ms allows for fast imaging;
- Multi-Channeled, phased array coil technology;
- Simplified user interface for quick patient set-up and maximum patient throughput;
- Comprehensive scan packages;
- Strong and stable performance.

Product Brochure
Superstar 0.35T

NAM-P023A

Image is Everything

The Superopen 0.23T (NAM-P023A) is designed and developed to provide optimal openness and patient comfort for a wide range of procedures, while providing excellent diagnostic image quality.

It combines Philips' advanced technology with Neusoft's Permanent Open Magnet. The Multi-Channel RF system and Phased Array Rx Coils improve signals of low-field MRI to ensure excellent image quality and shorten scanning time.

Features

- Hardware: Dedicated 4 channels spectrometer from Philips panorama;
- Coils: Multi-channel Phase Array receiver coils;
- Software: Abundant sequences transfered from Philips Panorama for a wide array of clinical applications;
- System: Higher reliability and lower maintenance cost;
- Gradient system: Patient friendly extremely low noise design;
- High return on investment.

Product Brochure
NAM-P023A

X-Ray

Neusoft green NeuVision DR

Excellent technology, high intelligence, green healthcare, and new network-based design.
Innovation for your need.

- Fully automatic, intelligent operating system: Easy one-button auto positioning;
- Comprehensive coverage: fully-automatic dual-rail suspension enables wide range movements and more flexible opreations; long probe arm design allows for dead-angle free projection and even projection of special body positions;
- Flat probe with high sensitivity and definition: An entire piece of flat probe featuring growing CsI and non-crystalline silicon with a filling factor of 1 delivers a 17*17-inch imaging area and may cover all positions;
- Unique algorithm provides image jointing function (full spine joint);
- Comprehensive patient care: Highly intelligent patient position guiding system instructs and guides patients in the positioning process;
- Brand new network-based solution: Automatic refresh of RIS/HIS shortens patient's input; Advanced teleconsultation support helps handle with difficult cases locally with ease.

Let our advantages benefit you!
Green NeuVision DR brings you:

- Accurate diagnosis
  - Entire flat probe has a high resolution of 3.61p/mm;
  - Super high frequency, high voltage generator;
  - Easy achievement of special position for patients;
  - Multiple professional image post-processing software packages.
- Easy and efficient work
  Highly intelligent iris function;
  Automatic tracking of exposure dosage;
  Unique I4A technology allowing single-key acquisition of integrated images for improved workflow;
  Image pre-processing position binding;
  Industry-pioneering image jointing software package to expend businesses in orthopedic operation effect assessment and plastic surgery sector.
- Green and safe patient care
  - Iris function extremely reduces radiation dosage of patients;
  - Extreme radiation dosage for chest radiograph is 1.25uGy only;
  - Intensive patients or children patients do not have to move;
  - High load bearing, high absorption and high insulating mobile planigraphy couch;
  - Original linkage position visual guiding system.
- Network-based e-hospital
  - WORKLIST function;
  - PACS/RIS systems jointly realize a teleconsultation system that transfers, stores and manages image info to handle with difficult cases.

NSX-RF3900-Digital X-Ray R/F System

Strong Technology Strength
Built on core technology of Neusoft Philips, sold globally; direct digital imaging to complete digital radiography, digital photography, spot film, intervention (equipped with DSA system as standard); full computer, full dumping and full function structure is adopted as well as the whole set of Philips hardware equipment (bulb tube, ionization chamber, image intensifier, etc.), state-of-the-art super high frequency and high voltage generator (200KHz). The whole set of product is electric powered to achieve complete clinical imaging and photography except heart and brain vessels, ±90° bed recline, exam bed of horizontal and vertical movement, recline and rotary bulb tube, rotary iris function beam limiting device. The clear images provide abundant diagnosis information for clinics. The system features integrated workstation, full Chinese operation and touch screen, high pressure system integration, quick and efficient operation process, special body examination via digital radiography, standard professional monitor, editable text and graphic report, dynamic soft reading of PC, DICOM interface, support of PACS, RIS and teleconsultation.

Features

- State-of-the-art fluoroscopy and radiography system;
- Flexible patient couch with remote control table featuring a tilting angle of ±90°;
- 50/65/80kW high voltage generator;
- Continuous and pulse fluoroscopy technology supports a wide range of fluoroscopy/radiography applications;
- Optional digital RFlab package offers high performance digital image acquisition for fluorography and fluoroscopic applications;
- Digital subtracted acquisition extends application ranges of both vascular and interventional procedures;
- Second control panel and footswitch enhance the flexibility of complete tableside operation;
- DICOM Standard 3.0 interface with full support of RIS, HIS and PACS.

NSX-RF2900-Digital X-Ray R/F System

Multi-functional direct digital diagnosis device

- Outstanding system design: Seamlessly integrated design with a high conversion efficiency, delivering new-generation imaging quality;
- Advanced archive management: Easy film-less archiving and storage of patient images;
- Brand new image processing: Real-time, noise-free image enhancement;
- Wide clinical application: Radiography, DSA, digital radiography, digital spot film for all organs except heart and brain vessels;
- Brand new patient care concept; and
- Strong system compatibility and upgrade ability.

Features

- Internationally purchased bulb tube;
- Super high frequency inversion and high voltage generator above 200 KHz;
- Most advanced integrated workstation;
- Direct digital imaging;
- Fully electric control;
- Full-body radiography, DSA, digital radiography and digital spot film;
- DICOM Standard 3.0: Full support of hospital connections (HIS, RIS and PACS).

Technical Specifications

- Super high frequency inversion and high voltage generator above 200 KHz;
- +90~-45° bed rotation;
- 110-150cm full electric control of SID.

Full-body NeuStar brings you useful & convenient workflows.

Excellent technology, streamlined design, convenient patient care, and brand new network-based design.

Multifunctional column device featuring simple and easy installation, repair and maintenance, low cost and 200KHz super high frequency technology; floating bed with a large movement range in four directions, ionization chamber configuration, 300KHU thermal capacity bulb tube to guarantee continuous operation under any imaging condition.

Features
**Accurate diagnosis
- Entire flat probe has a high resolution of 3.11p/mm;
- Super high frequency, high voltage generator;
- Easy achievement of special position for patients;
- Multiple professional image post-processing software packages.
**Easy and efficient work
- Highly intelligent iris function;
- Image pre-processing position binding;
- Industry-pioneering image jointing software package to expend businesses of hospitals in orthopedic operation effect assessment and plastic surgery sectors.
**Green and safe patient care
- Intensive patients or children patients do not have to move;
- High load bearing, low absorption and high insulating patient couch.
**Network-based e-hospital
- WORKLIST function
- PACS/RIS systems jointly realize a teleconsultation system that transfers, stores and manages image info to handle with difficult cases.

Technical Specifications

- Multifunctional colume system;
- 14*17-inch amorphous silicon flat probe;
- 200KHz super high frequency system.

Product Brochure

NeuStar

NAX-500/800RF-Digital R/F System

Affordable direct digital diagnosis device

- Outstanding system design: Seamlessly integrated design with a high conversion efficiency, delivering new-generation digital imaging quality;
- Advanced archive management: Easy film-less archiving and storage of patient images;
- Brand new image processing: Real-time, noise-free image enhancement;
- Wide clinical application: Radiography, DSA, digital radiography, digital spot film for all organs except heart and brain vessels;
- Brand new patient care concept;
- Strong system compatibility and upgrade ability.

Features

- Internationally purchased bulb tube;
- Super high frequency inversion and high voltage generator above 200KHz;
- Most advanced integrated workstation;
- Direct digital imaging;
- Full-body radiography, DSA, digital radiography and digital spot film; and
- DICOM Standard 3.0: Full support of hospital connections (HIS, RIS and PACS).

Technical Specifications

- Super high frequency inversion and high voltage generator above 200KHz;
- +90~-25° bed rotation;
- 110-150cm full electric control of SID.

Neusoft NSX-500R: All for perfect imaging

Excellent technology & streamlined design

Multifunctional colume system, 200KHz super high frequency system, four-direction floating bed, column rotating at ±180°, and imported bulb tube.

Features

*Accurate diagnosis
-Super high frequency, high voltage generator;
-Easy achievement of special position for patients.

*Easy and efficient work
-Simple and efficient workflows

*Safe patient care
-Intensive patients or children patients do not have to move;
-High load bearing, high absorption and high insulating mobile planigraphy couch.

Technical Specifications

- Multifunctional colume system;
- 200KHz super high frequency system.

Ultrasound

FLYING Diagnostic Ultrasound System

**Top Performance Outstanding
Value for ALL**

Neusoft FLYING delivers an uncompromising combination of performance, ergonomics and data management at an extraordinary value. Compact and ultra-portable, the FLYING system is designed to fit clinical needs today and to grow as clinical applications evolve.

Features

- Excellent for cardiac, vascular, obstetrical and abdominal imaging etc.;
- Intelligent MicroFine Focusing technique;
- Patented Fusion signal processing technique;
- Tissue Harmonic Imaging;
- Adaptive color and adaptive Doppler;
- Image management and reports System;
- Extensive clinical applications;
- 15" special LCD monitor.

Fusion Signal Processing

With high quality transducers transmitting broadband signals, the system receives reflected signals of different frequencies from different depths, the highest frequency procured to produce images of highest possible resolution. Besides, the system offers different ranges of frequency for different people.

Technical Specification

Clinical Images
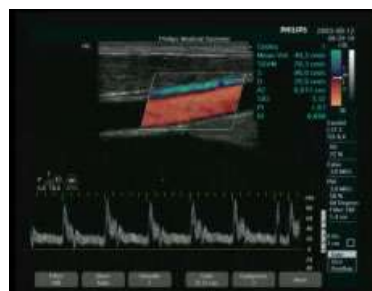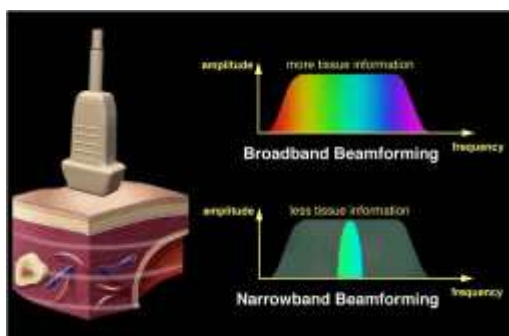
Sensitive and High Resolution Doppler
- Enhanced Wide Frequency Color Doppler (EWFC)
- Color Power Angio Doppler (CPA)
- Directional Color Angio Doppler (DCA)
- Adaptive Color Angio Doppler (ACA)
- Intelligent Doppler
- High-Q Real-time Doppler Analysis

1024 Channel Digital Broadband Beam-Former
Digitally captures and processes the entire range of tissue signals from 1 to 15MHz with a large dynamic range of 232dB.
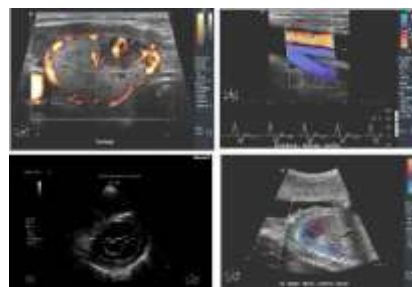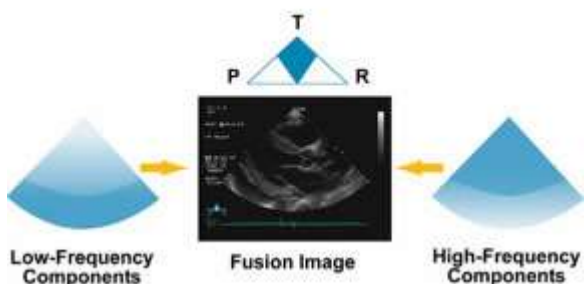
Abundant Imaging Modes
- 2D Imaging
- Trapezoidal Imaging
- Color Doppler Imaging
- Color Power Angio Imaging
- Directional CPA
- Tissue Doppler Imaging
- M-Mode
- Pulsed Doppler
- Dual Image with color compare
- Triplex Operation
- 3D Imaging
- Biopsy guide options

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Radiotherapy

Neusoft Radiotherapy Solution
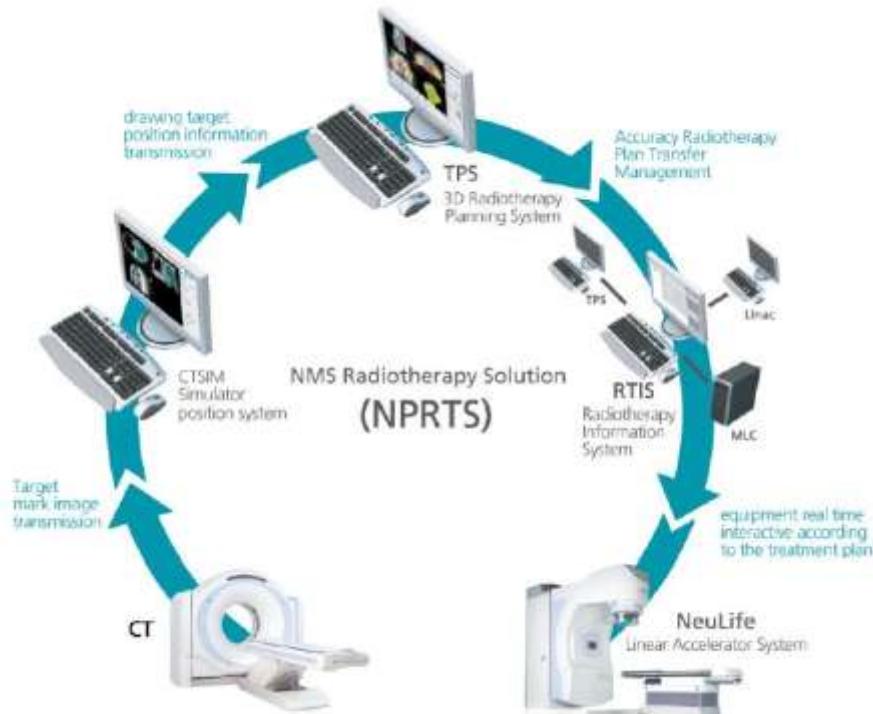
NeuLife Linear Accelerator

NeuLife is the first tumor treatment equipment launched by Neusoft Medical in 2010, featuring stable dosage rate output, safe and stable medical treatment process. Using full-process digital control and industry-leading high-precision control technology, it ensures precise and effective treatment process. The internationally purchased high-quality hardware ensures smooth and stable operation of the entire system.

Technical Specifications

- Stable 6MV energy X-ray with max output dosage rate ≥300cGy/min;
- Both static-beam therapy and arc therapy can be adopted;
- Fixed wedge therapy is possible;
- Direct beam type axial coupling standing microwave accelerating tube of high acceleration gradient, small size and easy installation;
- Comprehensively optimized microwave system to reduce power loss and improve efficiency and stability of the entire system;
- Able to reach peak treatment dosage rate instantaneously to better meet the demand of IMRT;
- Independent dual channel ionization chamber design ensures accuracy of dosage measurement;
- Collimator can move separately and pass isocentre with a maximum distance for 10cm;
- Double scissors treatment couch with precise digital control to reduce error of repeated positioning below 0.1mm to meet the requirement for 3D directed radiation therapy. Better simplicity and precision can be achieved when using in combination with stereotactic radiosurgery and stereotactic radiotherapy;
- PC-STD BUS industrial computer control for reliable operation and easy maintenance;
- Light weight system structure with short rotary arm for precise and stable operation;
- Designed with perfect multi-level safety interlock to ensure personnel and equipment safety; and
- Internationally purchased bearings, motors and special moving parts, stable and reliable in operation.

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Neusoft Radiation Treatment Plan System (NEU-PROPS)

NEU-PROPS is a software-enabled device designed for use in the radiation therapy sector. As the command center in modern radiation therapy, it holds great importance in clinical care.

Overview

Neusoft NEU-PROPS is a clinically treatment plan software system developed by Neusoft Medical based upon best-practice tumor treatment at major medical institutions. As an important component of Neusoft's radiotherapy solution, 3D-TPS adopts the Collapsed Cone Convolution Superposition (CCCS) algorithm which is the industry's most accurate 3D dose calculation model. Additionally, 3D-TPS provides powerful 3D visualization tools based on a ray-casting algorithm, allowing the user to visualize actual patient anatomy based on the voxel information provided by the 3D data set. In compliance with the DICOM RT standard, RT plan data can be transfered to other compliant systems.

Functionality

Major functionalities of NEU-PROPS software include the following:

- Patient image data input;
- Contouring;
- Visualization;
- Beam set up;
- Dose calculation;
- Intensity modulated by optimized beam weight;
- Plan evaluation;
- Plan output;
- Data backup and recovery.
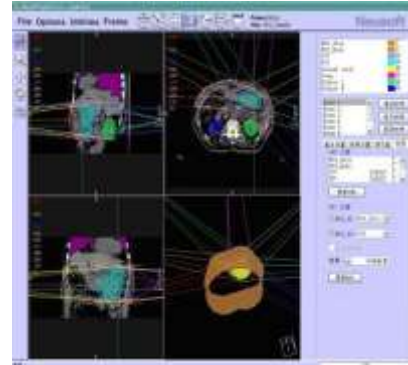
Neusoft CT Simulated Positioning System (NEU-ProSim)

NEU-ProSim features the same operation platform as TPS, enabling seamless information integration. Used in parallel with a CT operation platform, 3D-CTSim provides precise patient marking so physicians can directly perform digital reconstruction fluoroscopy and target area VOA sketching. Windows OS offers highly stable, efficient operations and an easy-to-use application. A laptop can be used for image acquisition and processing to achieve mobile operation.
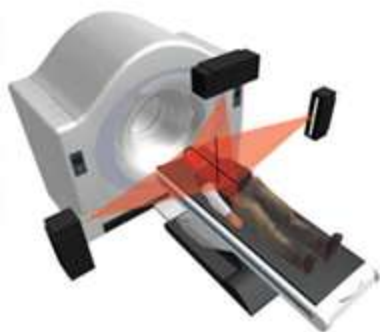
Components

- Mobile laser positioning system;
- Virtual simulation software system (Doctor workstation);
- Carbon fiber CT flat couch.

Radiotherapy Information System (NEU-RaidoNet)

RTIS provides a working platform for information management within the radiation therapy department. Built upon a central server, it realizes unified management of patient information, reports, equipment, consumables and exam process.
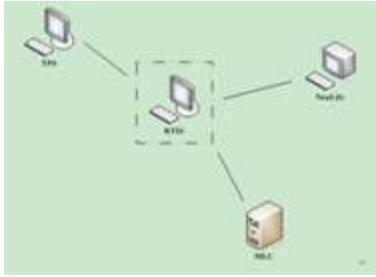
• Based on the DICOM Standard, system expandability and integration is assured.
• A DICOM RT standard-based radiotheraphy field data generation and transmission method is used to emphasize control of accelerator and multi-leaf collimator in radiation therapy.
• Treatment data is transmitted to NeuLife via DICOM-RT protocol to facilitate data acquisition and verification to ensure accuracy and correctness.
• An EPID system can be added to guarantee treatment verification.

Features optimized for the radiotherapy process

- Patient Electronic Medical Record(EMR)
- Simple treatment plan creation;
- Treatment plan import;
- Treatment plan and date verification;
- Treatment process management;
- Real time position info and treatment info display; and
- Multi leaf collimator communication control.

PET – Positron emission tomography

Truesight PET

Meet your needs and budget for cardiac imaging
Neusoft Positron Medical Systems is proud to introduce our whole-body PET scanner with pioneering cardiac technologies - the all-new Truesight. This PET systems is a prelude to a cutting-edge class of PET/CT and PET/MRI products. The economy choice of the renewal cardiac PET is a world class scanner well known in American Cardiology Society.

The Truesight is built on a versatile platform that accommodates today's clinical & technological requirements, together with provisions for tommorrow's new scientific advancements.
Uniform spatial resolution in all three planes, true dynamic acquisition capability, complete Oncology, Cardiology and Neurology capabilities, together with a unique staggered detector design for optimal quantitative results - all make the Truesight your choice for molecular imaging platform.

Features

- Rapid AC with multiple 4mCi 68Ge sources and automated safety & parking system;
- Multi-mode imaging for static and dynamic acquisitions;
- Axial FOV = 166mm;
- 61 slices per transverse acquisition (no Z axis motion);
- Provisions for 16 slices CT add-ons;
- BGO crystal detectors;
- BirdsEye detector wobbling system for increased clinical quantification;
- Built-in laser alignment system.

Comfort & Accessibility
Truesight provides patients with all necessary comfortability for the whole spectrum of acquisition modes, from the simplest study to the longest dynamic acquisition. The addition of visual & vital-signs real-time patient monitoring optimizes patient experience and ensures successful results for doctors and a better outcome for patients.

Designed footprint
Height: 5'9"/1,808mm
Width: 6'7"/2,050mm
Length: bed and gantry total 13'2"/4,019mm
Gantry weight: 5,511 lbs/2500kg
Table weight limit: 450 lbs/204kg

Excellence in Medicine starts with education

Hippocrates is a medical education company established in Miami, FL in 2010. Our goal is to provide healthcare professionals around the world with continuing medical education in various fields of Medicine. We want to help you meet the challenges of maintaining your medical skills while providing the best care to your patients.

We also provide educational programs for healthcare facilities and their employees. Our goal is to achieve and maintain the delivery of quality care by producing well educated and well informed medical staff.

Because Hippocrates is a company managed by Physicians, we are aware of the most common weaknesses in the medical field. We are very proud to be able to offer our services and solutions to fill those "gaps". Our goal is achieving Excellence in Medicine!

Our services consist of, but not limited to, the following:

- Continuing Medical Education: designed for Physicians, with medical updates to improve their clinical skills. May be a path to regulation of medical licensure by Government Authorities/Regulatory Agencies. This service can be customized into 1, 2 or 3-day courses.

- Medical Human Resources: designed for Healthcare facilities and their employees. This course helps staff achieve excellence in the medical field.

- Certification Programs: designed to keep healthcare professionals well informed and compliant with Universal Standards.

- Medical Consulting: designed to provide accurate medical information as far as medical terminology and disease process. This service targets mainly Law firms (medico-legal issues), the Entertainment Industry (TV, cinema) and Personal Medical Consulting.

- Medical Events Planner: designed to help healthcare professionals and facilities organize medical seminars, round-tables and Congresses.

- Medical Speaker Training: designed to train physicians to be excellent public speakers in the field of Medicine. This service is a 1-day workshop with hands-on training. We are also available to provide one-on-one coaching for specific presentations in the Medical field.

- Training Programs Consultation: designed to assist training program directors, in the sub-specialties of Internal Medicine, identify weaknesses and opportunities for improvement. This is essential to prepare programs for certification based on the Accreditation Council for Graduate Medical Education.

Topics for Lectures

Our goal is to provide healthcare professionals around the world with continuing medical education in various fields of Medicine. We also provide training for Medical Human Resources.

Please refer to the Topics List below for the most requested lectures worldwide. These lectures could be pre-seated individually in seminars/Congresses or as

a part of a bundle for continuing medical education training and/or Healthcare personnel training.

Physicians	Nurses	Allied Healthcare Professionals
Patient Confidentiality	Universal Precautions	The importance of Human Resources Management
Rescuing patient-physician relationship	Spills and needlesticks accidents	Recruitment and Retention of Healthcare professionals
The HIV+ patient: how to manage them	Reporting and managing work related accidents	Working together to achieve Excellence: Teamwork
Dealing with difficult patients	Contact Isolation	Healthcare customer service delivery: patients as customers
Medical and legal aspects of the cardio-respiratory arrest (Code Blue)	Pressure Ulcers prevention and management	Increasing Patient satisfaction
Management of the cancer patient	Clinical communication skills	The importance of continuing education for Healthcare professionals
Nosocomial Pneumonias: prevention and management	Documentation and medical records	Sensitivity training for Healthcare professionals: dealing with diversity
Progressive Mobilization to prevent cardiovascular complications	Chain of work Reporting	HR leadership: the key to improving Healthcare results
Prevention *versus* treatment	Patient Confidentiality	Incorporation Healthcare professionals in Institutional Management Committees
Evidence Based Medicine	New medical technology leading to better clinical outcomes	Assessment of medical personnel and strategies in a Hospital setting

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Making Everyday Computing Clean and Safe for Organizations Around the World

UNOTRON is an emerging company that designs and manufactures high-performance, washable keyboards that can easily be cleaned and disinfected to maximize user safety and minimize risk in nearly any traditional computing environment.

A "must have" for today's healthcare and education markets, UNOTRON's patented, washable design transforms the everyday keyboard into an ultra-clean, easy-to-disinfect, user-safe computing accessory.

UNOTRON maintains a global footprint, with sales and manufacturing offices located across North America, Europe and Asia. UNOTRON's manufacturing is located in Hong Kong and Shenzhen, China and distribution and sales/support centers are located in New Jersey, Texas and Tennessee, USA; Kowloon, Hong Kong; and United Kingdom.

The company produces products in its own facility, affording tighter integration of design and manufacturing an aesthetic, innovative and quality range of products, which include SpillSeal protected keyboards and mice, H.M.I. devices and custom keyboard components based on SpillSeal and other patented technology. UNOTRON is distributed worldwide and offers dedicated technical support and on time product supply to its customers.

SpillSeal protected keyboards for office, medical, military, educational and industrial environments including RF wireless technology, combining the aesthetics and functionality of home and office keyboards featuring the high levels of Hygiene and Security protection offered by SpillSeal technology.

A compatible range of mice - optical, rollerball and RF – Featuring ergonomic design and accurate positioning peripherals and components for the PC industry.

UNOTRON provides innovative quality products and technologies to the industry and is able to positively respond to its customer's requirements or requests.

UNOTRON, specialise in the manufacture of washable input devices, Infection control medical grade antibacterial protected Keyboards, Mice and Smartcard Readers.

UNOTRON products are washable, and are manufactured using patented SpillSeal technology, they are water and dust proof to international standards IP66 and NEMA4X. This means they can be immersed in liquids and safely washed and disinfected. Just shake dry and use. These products are hermetically sealed and can quite safely be used while wet.

Where keyboards and mice are used by multiple users for example in Hospitals, Schools, Offices and in "hot desking" environments the ability be able to wash and disinfect equipment can significantly cuts down the spread of flue, colds and other virus which are spread by hand contact.

UNOTRON products are used extensively throughout the healthcare and education sector, in the fight to combat the spread of infections.

Product Protected

Waterproof Products

SpillSeal Technology

Germstopper Submersible

UNOTRON Products

Washable Antimicrobial Protected Keyboards

Washable Antimicrobial Protected Corded Keyboards

2.4GHz Wireless Washable Antimicrobial Protected Keyboards

Washable Antimicrobial Protected Mice

2.4GHz Wireless WM10 ScrollSeal Washable Optical Mice

M11 ScrollSeal Washable Optical Mice

M20 ScrollSeal Washable Optical Mice

M30 SteriMax Washable 3 Button Optical Mice

Washable Antimicrobial Protected Security Products

SmartRest SRC6

Smartcard Reader SAC2

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Medical Panel PC, anti-bacterial, treatment, fanless operation & seamless design

Wincomm is one of Taiwan's leading manufacturer of industrial computer and embedded computer products. Wincomm designs and develops all in one panel PC, large size all in one digital signage system, rugged box PC and embedded software products for a broad range of industries and applications. Wincomm aims to provide hardware and software integrated solutions for the most variant environments such as industrial automation/ human machine interface control, digital signage / infotainment Kiosk, and medical computing.

Besides position we as a manufacturer, Wincomm also works aggressively with worldwide leading system integrators and VARs to aggregate the valuable field domain know-how of every different applications. With this solid base, Wincomm can develop the exact solution products with our strong and wide coverage engineering expertise for mechanical, electronics, thermal management, regulation certifications, firmware, system application software, remote management software, and critical parts sourcing/verifications.

All Wincomm's panel PC, all in one and rugged box PC are powered by industry standard X86 platforms, from low power processor to 64-bit multi-core performance horse. The full line panel PC carries complete 6" to 19" LCD and are built with up to IP67 enclosure, fanless thermal, and dual and multi-touch panels to fulfill various industrial automation and medical computing requirements.

Wincomm's all in one digital signage system also covers 26" to 55" full range LCD and together with our patented swappable docking module design, the users can get the benefit of plug-and-play and the full convenience for field upgrade & service.

Wincomm's software solutions include embedded OS image, device application program for reliable & secure usage, and Wincomm's remote device management (WRDM) software to allow the user to monitor & control all hardware products from remote server through internet connection.

Medical computing
All in one medical grade panel PC, medical Safety compliant & anti-bacteria design with quiet & reliable fanless operation or powerful processing for various healthcare applications.

General medical panel PC
The WMP series medical panel PC is for general purpose usage with fanless operation or powerful processing, anti-bacteria design, semi IP65 enclosure and can be tailored for various healthcare environoinments.

WMP-191/192	WMP-171Plus	WMP-172Plus	WMP-171	WMP–171T/172T
19" LCD, 1280x1024	17" LCD, 1280x1024	17" LCD, 1280x1024	17" LCD, 1280x1024	17" LCD, 1280x1024
Intel Core 2 Duo 2.2 GHz	Intel Core 2 Duo 2.2 GHz	Intel Core 2 Duo 1.06 GHz ULV	Intel Core 2 Duo 2.2 GHz	Intel Core 2 Duo 2.2 GHz
Full flat touch screen slot	Smart fan, PCI & CF slot	Fanless, PCI & CF slot	Smart fan, PCI & CF slot	Smart fan, No PCI & CF
84% TR resistive touch touch	Anti-bacteria, resistive touch	Anti-bacteria, resistive touch	Anti-bacteria, resistive touch	Anti-bacteria, resistive
	Isolated ports	Isolated ports		

WMP-172	WMP-171S	WMP-172S	WMP–171D/172D
17" LCD, 1280x1024	17" LCD, 1280x1024	17" LCD, 1280x1024	17" LCD, 1280x1024
Intel Core 2 Duo 1.06 GHz ULV	Intel Core 2 Duo 2.2 GHz	Intel Core 2 Duo 1.06 GHz ULV	Intel Core 2 Duo 2.2 GHz
Fanless, PCI & CF slot	Smart fan, No PCI & CF slot	Fanless, No PCI & CF slot	Smart fan, Support PCI&CF card
Anti-bacteria, resistive touch	Anti-bacteria, resistive touch	Anti-bacteria, resistive touch	Anti-bacteria, resistive touch

Ventures Healthcare (VHC)

Ventures Healthcare is a division of Ventures Middle East and has a combined staff experience of more than 100 Years with a proven staff track record of strong commitment and meeting client's needs and satisfaction. VHC team played anchor roles in various HIMS, ERP & Billing Systems Implementation and Integration.

Ventures Healthcare's health informatics consultancy team is recognized as one of the best and only team available in the region capable of Formulating Business Strategy, Defining IT Strategy, Provide over-all Project Management, Perform Technology Assessment & Evaluation, Implementation, Integration and Provide Technical Support for the undertaken project.

Who do they serve

- Hospitals & Clinics
- Private & Public Health Systems
- Physician Practices
- Manufacturers & Suppliers
- Contractors & Consultants
- Investors
- Insurance Firms

Ventures Healthcare can assist the Owner in not only obtaining the right answers but also in setting-up and managing all of the elements that represent a "Comprehensive Facilities Program Management" approach.

VHC has the required expertise in healthcare administration, healthcare facility planning, clinical services, financial services, information technologies, equipment technologies, design and construction requirements, and project management to guarantee the successful implementation of a new healthcare project from inception to commissioning.

Ventures Healthcare manages the project, on behalf of the owner(s), from the inception to commissioning of the facility (Completion). This includes selecting and overseeing the performance of the Project / Construction Management Company, the Main Design Consultant and Sub-Consultants, Equipment Contractors, and the Facility Operator(s)

Medical Equipment and Furniture (FF&E) Planning is a one of the key components of designing healthcare institutions. As technology continues to evolve, it has a direct impact on the overall space, it occupies as well as on clinical operations. With more than 100 years of combined experience, the Ventures Healthcare Team are uniquely qualified to deliver the most comprehensive medical planning product to its Client while maintaining a nonproprietary interest with any manufacturer. We bring innovation to the Client in planning and designing the most suitable and technologically advanced equipment for each project while at the same time ensure that the Client get the best value for his capital and operational investment.
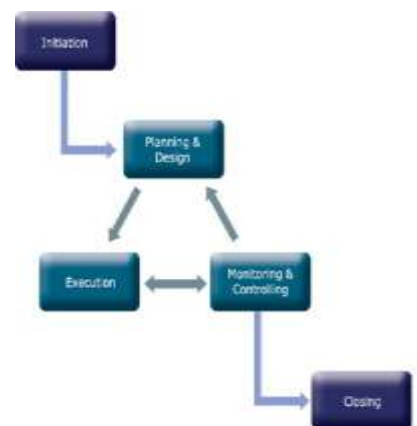
Medical Equipment Technology Planning

Medical Equipment and Furniture (FF&E) Planning is a one of the key components of designing healthcare institutions.

As technology continues to evolve, it has a direct impact on the overall space, it occupies as well as on clinical operations. Advanced digital equipment requires integration with Information and other systems as well as different technologies.

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As a Medical Equipment Planners and Procurement Management Specialist, Ventures Healthcare LLC performs the following comprehensive services:
1. Equipment and Furniture Planning Services
2. Equipment and Furniture Tendering and Evaluation Services
3. Equipment and Furniture Procurement Services
4. Coordination/Project Management of Logistics, Installation and Commissioning Services
5. Development and Management of Service and Maintenance Plan
6. Comprehensive Health Informatics Services.
7. Equipment assessment & Inventory Management
8. Development of Group Purchasing & Aggregation Programs

Health Informatics Planning

Ventures Healthcare (VHC) offers a wide range of consultancy and project management services that are geared towards providing comprehensive overall solutions for an integrated organization Healthcare Information Technology environment. These services are offered either individually or a part of a total solution aimed at providing all of the appropriate tools for healthcare institutions to operate their existing or new facilities.

VHC's topmost objectives are to improve the quality of care and patient services as well as to achieve cost containment by becoming more efficient and effective in the provision of healthcare services. Our team of experts has strong experience not only in Health Informatics but also in healthcare administration and clinical processes. We work closely with the end-users to assess the IT requirements of a hospital, Primary Healthcare Clinics, or event a network of facilities and to introduce the required processes and information technology tools that will achieve the desired outcomes and improve efficiency of operations while being cognitive to the budgets of the clients and the required returns on the investment.

Our People make the difference

Our team consists of highly qualified members with years of diversified experience in the Healthcare IT field, some of their qualifications include:
- Strong knowledge of Healthcare Business Intelligence
- Strong Consultancy work experience in Clinical Systems, hospital management as well as IT applications, systems and technology components.
- Proven experience in Healthcare Infrastructure design and implementation
- Working with several clinical applications on the market
- Experience in designing clinical intelligence for each application
- Experience in Key Performance Indicators, Clinical Processes, and Clinical Pathways
- Experience in designing and installing Digital Theaters and Integration of Medical Equipment with HIS and CIS
- Proven Experience in Health Informatics Project Management in the Middle East

The organization and composition of our team is aimed at:
- Providing a stable and balanced core team of senior individuals bring considerable experience gained over many years working in the Health IT sector.
- Leveraging the very best skills and expertise from our intellectual capital base for the benefit of the project through the active participation of many specialists outside of our core discipline.
- Balancing our sound understanding of the Health sector with new ideas and thinking from expertise gained across a range of major learning and development appointments in both the public and private sector.
- Triggering a "spirit of achievement" amongst all project partners nurtured through our partnering driven approach to delivering "Total Solutions".
- Exceeding stakeholder expectations - our designs are developed through listening and understanding, dialogue and creativity, looking beyond the obvious, cost and value optimization, build ability and attention to detail.
- Delivering simple solutions to complex problems – we do not try and "re-invent the wheel".

Health Planning Consultancy

We conduct feasibility studies, researching all aspects of capital requirements, skills, marketing and physical requirements and likely payback period in deciding how a product or service should be designed, delivered, priced and marketed. We also review business cases, including revenue streams and market demand, apart from analyzing project profitability and carrying out sensitivity analysis. Essentially we collect and analyze primary and secondary data through focus groups, telephone surveys and other methodologies.
The value of projects studied by Ventures Middle East in the GCC region, exceeded 1.5 billion US Dollars in 2008, reflecting the trust and confidence we inspire.

Consultancy Services in:
- Defining Corporate Vision
- Market Definition and Competitive Positioning
- Defining tactics and road maps that will assist in achieving desired outcomes
- Analysis of market situations, demands and competitors
- Client satisfaction with rendered services by individual providers
- Demand Analysis and forecasting of services and refinement.
Demand projections for specific services and subspecialties by focused population segments. Analysis incorporates service area, patient origin, market share, population trends, utilization shifts, geographic barriers, travel patterns and competitive actions and reactions that will impact future demand.
- Credentialed Feasibility studies that address:
- Marketing and Physical Requirements
- Determination of capacity needs, volume projections, size of facilities, skills requirements, development of staff
- Baseline situation and competitive landscape assessment. This includes provider / payer implications and reimbursement rates
- Development of details value proposition to define exact list of services to be provided by each facility
- Definition of how services should be designed, delivered, process and marketed
- Development of business cases including revenue streams, revenue modeling, pricing strategy, market demands, project profitability and sensitivity analysis. This leads to financial viability of the proposed project
- Development of a financial model document will include a ten year pro forma forecast of the income statement, balance sheet and cash flow statement. The financial documents can also be presented to lending institutions and venture capitalist to obtain financing and investments
- Capital and Project Cost requirements
- Payback period and financial indicators analysis
- Gap Analysis and value propositioning / concept definition
- Realistic project / Concept sizing, and scope that will achieve equity investment, debt financing and supporting appraisals.
- Implementation and roll-out plan and risk registry. This include setting a time-line of implementation and phasing-in approach
- Conceptual Design Master Planning of project and land in relation to surrounding areas. This will facilitate the selection and identification of the acceptable plot to use for the project.
- Development of functional program for all services and departments in each facility as well as preliminary space requirements.

Real Time Location, Communication, RFID and Sensor Solutions

Wireless (Wi-Fi) Healthcare Tracking Solutions

Ekahau RTLS gives healthcare facilities better visibility into their processes. The Ekahau Wi-Fi healthcare tracking solution does not use any additional chokepoints or exciters, which have been banned by many hospitals. Our wireless tracking solution is the chosen, safe solution for healthcare location tracking.

The Ekahau RTLS system consists of Ekahau Vision, the Ekahau RTLS Controller (ERC) and various Ekahau Wi-Fi tags. By combining these elements, Ekahau offers a broad array of solutions for enterprises to locate, track and manage assets, inventory, staff and visitors. Ekahau RTLS is the only solution on the market that can operate over any brand or generation of Wi-Fi network without the need to add complex and expensive exciters, chokepoints, specialty antennas or other additional infrastructure. In addition to tracking and managing Wi-Fi tags, Ekahau RTLS can track and manage other 802.11 enabled devices such as VoWiFi phones, laptop computers, PDAs, Smartphone's and a large variety of other devices. Ekahau RTLS also integrates barcodes and passive RFID to provide our customers comprehensive visibility into the objects within their enterprise that they want to track and manage.

You Cannot Manage What You Cannot Measure

With Ekahau RTLS solutions you always know the location of the most critical corporate resources, assets and people - anytime, anywhere. The Real time visibility of assets and people allows you to improve the overall workflow, levels of security and customer service. In other words, it allows you to do more with less. Whether you are looking for a solution for hospital asset tracking, manufacturing work-flow improvements, retail analytics, logistics visibility, and staff safety or other people tracking solutions, we know how to establish a surefire way to increase visibility and measurability. At the end of the day if you have better visibility into your operations you can truly measure productivity and success and in turn more efficiently manage your enterprise.

Healthcare Asset Tracking and Management

Just about every piece of valuable equipment in a hospital is mobile or on wheels. Ekahau RTLS gives you the visibility to properly manage your assets, ensuring that they are maintained and available for use when needed.

Workflow and Process Improvement

Manage your patient care processes more efficiently and improve patient flow and safety. Ekahau RTLS empowers the patient care metrics such as wait times and bed utilization.

Staff Safety and Patient Tracking Solution

Improve staff safety and keep track of patients. Knowing where wanderers are and preventing elopement, significantly reduce the risks of injury or death. The Ekahau T301BD Wi-Fi tag with the pull strap alarm enables immediate security alerts.

Wireless Temperature Monitoring and Management

Ensure safe temperature ranges remain in compliance in critical cold storage. Temperature monitoring, reporting and alerting from -200C to + 200C 24/7. Ekahau enables remote visibility into the status of a variety of cold storage devices.

Healthcare Asset Tracking and Management	**Workflow and Process Improvement**	**Staff Safety and Patient Tracking Solution**	**Wireless Temperature Monitoring and Management**
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Healthcare Asset Tracking and Management Solutions

Hospital Equipment Tracking

A big challenge for hospitals today is the management of mobile medical equipment. A mid-size hospital already has thousands of mobile devices.

Medical devices that are used for patient care in hospitals are subject to systematic preventive maintenance procedures enforced by the Joint Commission in the U.S., recommended by the WHO, and required by authorities in several other countries. The goal for the maintenance procedures is to reduce the risk of equipment malfunction that can lead to costly and life-threatening mistakes in patient care.

To cope with the maintenance requirement and to assure optimum availability, the biomedical department needs to have a system for finding its medical equipment for routine cleaning and re-calibration.

The equipment locations are shown clearly on a floor map or on a list with a room or zone name. The user can search for a particular asset, a group of assets (such as "all IV pumps"), or use a combined search (such as "IV pumps located in the third floor OR"). Ekahau's easy-to-use rules engine automates queries, reports, and events, making the system easy for anyone to learn.

Assets are visible at all times and can be queried by individual name or MAC address or in groups to match PM schedules.

Wi-Fi healthcare asset tracking is the practical solution

A simple remedy to the problem is to have a system that knows the whereabouts of all equipment at all times and anywhere on the campus. The Ekahau RTLS (Real Time Location System) offers a simple to use, healthcare asset tracking solution for locating equipment using a Web browser, even when equipment is locked behind closed doors.

Service requests, system alerts and various system triggers can all be sent to the Ekahau T301BD Wi-Fi pagers. This way the engineering staff can be made fully aware of all system alerts and requests while they are working around the hospital.

Ekahau's RTLS healthcare asset management system has been designed from the ground up to cater to the needs of hospitals. By leveraging an existing Wi-Fi infrastructure, the complete system can be up and running in a few weeks with no disruption to patient care or the facilities themselves. Ekahau's proven technology and patented algorithms are the basis for consistently winning RTLS bake-offs around the world. Take a look at the overview of our wireless healthcare tracking solutions.

Benefits

✔ By implementing Ekahau RTLS, any hospital staff member can find any tagged hospital asset, in real time, anywhere on campus.

✔ When preventive maintenance is due, the technician can produce a report that lists each device and its current location shortening the time for equipment rounding. This leads to increased utilization and improved patient care.

✔ Ekahau system will acknowledge the caregiver that the request has been received.

✔ Ekahau RTLS enables optimizing the distribution of assets across departments or even multiple facilities. Underutilized equipment can be reallocated and excess rental capacity can be eliminated resulting in an excellent ROI for the system.

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Patient Tracking Improves Patient Flow and Safety

The Challenge:
Managing patient safety presents some very unique challenges to hospitals

Safety and high quality patient care are two parameters that define the mission of most hospitals today. These two can sometimes be compromised with ambulatory patients such as "wanderers" and elopers. These patients can disappear in a matter of seconds and pose a threat to not only themselves, but others as well. A Real Time Location System (RTLS) helps to improve patient safety and the quality of care by reporting the whereabouts of patients at all times.

Visibility to all patients

Hospitals typically have many types of patients to care for, including the young, the elderly, patients with cognitive disorders, medicated patients and several other types. When they are ambulatory, their condition may not be as severe or they may be recovering from a physical illness. Moving around and exercising can be part of their healing process, but at the same time, may present challenges to the hospital staff in providing care and ensuring patient safety.

Of the ambulatory patients in a hospital, the wanderers and elopers can be the hardest to manage. A wandering patient may have a cognitive disorder and be lost somewhere on the hospital campus. An eloper, on the other hand, does not want to be in the hospital and does not want to be found. In each case, locating the patient immediately can mean the difference between life or death for that patient.

Secure critical care on time

Due to the sheer size of today's hospitals, monitoring and locating patients can be challenging if not impossible. An eloper who does not want to be cared for or a curious child can disappear in seconds and not be found for hours or days. A dementia patient might walk out the front door and not be noticed by anyone, or a psych patient may be wandering the halls. The overall challenge is that the hospital staff may spend hours finding these patients, and every hour that passes by the patient under search is not receiving the critical care he was scheduled for, such as getting medication, having vital signs measured or receiving a treatment or therapy.

The Ekahau Solution

The Ekahau RTLS solution helps hospital staff keep track of patients and alerts of events or incidents that require immediate attention.

By leveraging a hospitals existing Wi-Fi network, Ekahau RTLS sees where all tagged patients are at any time, anywhere within the footprint of the network - indoors or outdoors. If a patient is in his room or on his assigned floor, Ekahau RTLS will locate them. Should a confined patient walk into the fire escape, Ekahau RTLS will alert staff members and security officers about the event.

The rechargeable Ekahau T301W wristband tag can be worn by a patient around their wrist or ankle depending on the type of patient and situation. The tag emits a periodic signal to the network that is then captured by the Ekahau system to calculate location and to apply business rules and alerts associated with that tag or group of tags. The tag has a highly sensitive motion sensor that cannot only detect motion but also detect if the tag has been removed or tampered with.

A patient wearing the T301W can have specific mobility rules applied to them, such as "should not leave this floor" or "allowed full mobility – but alert if they go outside". A mobility profile can be configured for each tag or group of tags. If a patient wanders, but within limits allowed by the system, caregivers can see this on a general system status screen. Should the patient exit an area or go through a door they are not supposed to, then the staff, security, transport and any other department on the escalation list can be alerted to address the situation. Any type of entry or exit event can be monitored and respectively alerted on. Staff members carrying the Ekahau T301BD pagers can receive alerts while on the move and be notified of the status and whereabouts of their patients.

The Ekahau T301W has a button on it that can easily be configured to act as a "help" button or signal some other message when it is pressed. Because the Ekahau system has full two-way communication capabilities over Wi-Fi, the tag itself can be alerted via illuminating the multi-color LEDs on the front or by activating the built in vibration unit. These capabilities of the tags can be configured to signal events to the patient such as "Please return to your room", "Time for your medications" etc.

Benefits

- ✔ Enterprise-wide visibility of all patient locations real-time, indoors and outdoors
- ✔ Alerts for entry and exit events, when a person is leaving or entering a building or a pre-defined zone
- ✔ Wristband call button for patient use, and acknowledgement signal that the call is being addressed
- ✔ A Wi-Fi-based system that leverages the existing network
- ✔ Full two-way alerting and communication capabilities leveraging industry standard 802.11/Wi-Fi and IP communications protocols.
- ✔ Complete escalation and built-in incident recording and reporting capabilities.

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Ekahau Staff Safety Solution

The Challenge:
Ensuring the safety of staff members in a hectic and highly mobile environment is a challenge to any hospital or healthcare facility.

The most valuable assets in any hospital are the members of the staff. Caregivers and other hospital staff members can be exposed to risky situations throughout their routine work day.

Altercations may not only happen with acutely or permanently mentally disturbed patients but with their relatives and friends as well. Certain drugs, illnesses and other physiological factors can render a patient unstable and thus present a risk to staff safety. More than half of ER nurses have been assaulted on job! (Usa Today, August 4th 2009)

The Ekahau Solution

The Ekahau RTLS (Real Time Location System) enables mobile staff members to send a distress signal along with their location to security personnel and other staff members. Ekahau's unique T301BD Wi-Fi pagers can be located throughout a hospital or long-term care facility campus with a resolution down to one meter using the facility's existing Wi-Fi network.

When a staff member pulls down on the Ekahau pager switch, an emergency alert message is sent via the Wi-Fi network. As the message is being sent, the location of the pager is calculated within milliseconds and the text message alert and location information are delivered to devices and people on the escalation list. The staff member carrying the Ekahau pager receives an acknowledgement that their call for help has been received, by the pager buzzing and blinking its onboard LEDs. Upon attempting to contact the server, the Ekahau T301BD pager has an automatic retry capability to ensure that the message is sent and that the incident escalation has occurred. Therefore, the message delivery is guaranteed.

By leveraging the existing Wi-Fi networks, hospitals and other healthcare facilities can have a staff safety system up and running in a few weeks without the burden involved with installing cables, readers and other unnecessary proprietary hardware that can interfere with clinical equipment and require the isolation and decontamination of construction areas. Learn also how Ekahau RTLS can be applied to healthcare asset tracking.

Benefits

✔ Staff badge with real-time location, text messaging, and emergency switch, improves staff safety in all hospital locations.

✔ A Wi-Fi based system that leverages the existing network in most hospitals.

✔ Full two-way alerting and communication capabilities leveraging industry standard 802.11 b/g/n/Wi-Fi and IP communications protocols.

✔ Complete escalation and built-in incident recording and reporting capabilities.

✔ Works indoors and outdoors, anywhere within the Wi-Fi network footprint.

✔ Resolution down to 1 meter, even in poor Wi-Fi coverage areas by leveraging inexpensive Ekahau Location Beacons.

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Ekahau Wireless Temperature Monitoring Solution

The Challenge:
Temperature Monitoring of Freezers and Refrigerators in Hospitals

The proper storage of pharmaceuticals, tissues, organs, blood, food and other items at specific temperatures in hospitals is a requirement for patient safety and maintaining an acceptable level of quality of care. Very often the contents of a hospital freezer cannot only be worth hundreds of thousands or even millions of dollars, but also the regulatory requirements surrounding the monitoring and management processes of refrigerators and freezers is closely watched by regulatory bodies worldwide.

The monitoring and management of freezers and refrigerators in hospitals is today mostly accomplished via manual processes. The manual processes of checking and documenting each unit on a daily basis is not only an inefficient way to manage the refrigerators and freezers, but does not ensure that action is taken appropriately when error conditions or failures occur. In some instances hospital freezers and refrigerators can be monitored using temperature logging machines, which often lack alerting capabilities and can be expensive to buy and operate.

The Ekahau Solution

As an alternative to manual processes or proprietary wired systems, the Ekahau Wi-Fi-based Temperature Monitoring and Management system allows hospitals to quickly deploy a solution that not only meets regulatory compliance requirements but is easy to deploy and costs a fraction of what other systems cost. Because the Ekahau Temperature tags are Wi-Fi-based and are battery powered, there is no need to run cabling for connectivity or power, or to install any proprietary infrastructure to support the tag communications.

The solution components include the T301t, TS1 and TS2 temperature tags, Ekahau RTLS Controller that manages and communicates with the tags and Ekahau Vision that manages reports and alerts on temperature readings, history and thresholds.

The tags are simply activated and programmed to the network (any Wi-Fi network) and then mounted on the refrigeration units where monitoring is needed. The Ekahau Tags are mounted on the outside of the freezer and a probe is mounted on the inside of the freezer. The sensor electronics that remain on the outside of the freezer are thus protected from possible extreme temperatures while allowing for easy maintenance and better network connectivity. The external probes are NIST traceable and can be used both for monitoring air or glycol solution temperatures inside freezers and refrigerators.

Managing and servicing the solution is easy. All data collection is automatic; alerts can be distributed to a wide variety of devices including the Ekahau T301BD Wi-Fi Pager. The standard AA tag batteries can easily last for several years, while the temperature probes can be recalibrated in the Ekahau system within a few minutes.

The Ekahau Vision application keeps a log of all reported temperatures and error conditions as well as the documenting of the procedure to correct the error conditions. This way all information is captured, stored and reported for long term trending and analysis as well as providing supporting documentation for internal or regulatory audits.

Wi-Fi based monitoring and management provides the practical solution

The Ekahau temperature monitoring solution provides an automated way to measure, monitor and manage processes where consistent or certain temperature ranges are required. Ekahau's unique Wi-Fi solution monitors and automatically alerts when the temperature in a monitored storage unit, such as a freezer, refrigerator or even an oven exceeds a predefined low or high level limit along with providing historical reports and real-time views of the monitored temperatures.

Ekahau RTLS Solution

✔ **T301, TS Temperature and HS Humidity Sensor Tags**

✔ **Ekahau RTLS Controller**

✔ **Vision End-User Application**

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Ekahau Real-Time Location System (RTLS) Overview

Ekahau real time location system (RTLS) is the only Wi-Fi-based location tracking solution that can operate over any brand or generation of Wi-Fi network while offering sub room-, room-, floor- and building-level accuracy.

As a Wi-Fi standards-based software solution, Ekahau RTLS requires no readers, new cabling, choke-points or exciters. The system uses patented software-based algorithms to compute the location of tracked objects and can easily scale to support tens of thousands of tags on a single server. With Ekahau, your RTLS solution can be up and running in a matter of days or a few weeks, not months.

Real Time Location Tracking

Ekahau Real Time Location System Infrastructure and Performance

The Ekahau system operates over your existing Wi-Fi infrastructure and it provides the industry's best location tracking performance and accuracy at a fraction of what other systems cost.

Several global corporations such as HP, 3M, McKesson, Nortel, Siemens and others have benchmarked Ekahau against our competitors in real-world deployments and have determined that Ekahau offers the best combination of technology performance, cost, and product maturity.

Ekahau is the only **Wi-Fi based real time location system** that can operate over any brand or generation of Wi-Fi network.

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Ekahau Wi-Fi tags operate over any Wi-Fi network

Ekahau offers a selection of Wi-Fi RFID tags for location tracking of assets and people and temperature monitoring. Our Wi-Fi tags may be used from healthcare to industrial applications, to track assets and people, providing two-way communications. Ekahau RFID tags offer long battery life and operate even in multi-vendor environments.

Ekahau T301A Asset Tag

The Ekahau T301A is small Wi-Fi tag, which offers long battery life and has an intelligent motion sensor and software trigger that sends the location data based one or a combination of three criteria: timed intervals, when the tag is moving or when it has moved to a new position. This functionality allows customers to set the optimal configuration for the application while extending battery life. The tag operates over any standard 802.11B/G/N network, even multi-vendor environments. The T301A has the longest battery life of any Wi-Fi-based asset tag on the market. Ekahau T301A is Cisco CCX Certified.

Ekahau T301BD Wi-Fi Pager

The Ekahau T301BD Wi-Fi Pager is a locating device that enables users to receive and send text messages. These messages can be based on event rules, statuses, location or other business rules set within the Ekahau RTLS system. Third-party applications can send and receive messages to and from the pager using the open Ekahau APIs. Users can create menu structures on the T301BD, enabling simple text-based browsing applications to be extended to the pager itself. The pager offers an integrated staff duress or panic switch as well. The T301BD is a rechargeable tag that eliminates the need to stock and change batteries.

Ekahau T301BD is Cisco CCX Certified.

Ekahau T301W Wearable Tag

The Ekahau T301W is the industry's first Wi-Fi-based wearable tag. It is designed to be worn by patients, employees, children and other individuals, and it enables real-time visibility into a person's exact location – enterprise-wide, with reliable room- and sub-room level accuracy. The T301W is designed to be worn comfortably on a person's wrist or ankle using commonly available wristbands that can be attached through slots on both sides of the unit. The tag is waterproof allowing it to be thoroughly sanitized after use, and enables individuals to comfortably bath or shower while wearing it. The tag includes a two-color LED, vibration alarm for alerting the person wearing it and it also has a customizable call button for sending emergency or status messages.

Ekahau HS1 Humidity Tag

Monitoring humidity and temperature is vital in environmentally sensitive areas in hospital operating rooms, surgical supply rooms, medical storage rooms and with various industrial processes. By ensuring the correct humidity and temperature levels, hospitals and factories can prevent growth of mold, mites and fungus. The Ekahau HS1 humidity tags provide an automated way to measure and monitor the relative humidity and surrounding temperature. Combined with Ekahau Vision, the solution automatically alerts when the humidity or temperature of the monitored environment goes outside a predefined range. The Ekahau HS1 tag has a humidity measurement range from 0% to 100% RH and temperature from -40° to +85°C.

Ekahau TS Temperature Sensor Tags

The Ekahau TS1, TS2, and TS-c are wireless tags for measuring, monitoring and reporting freezer and refrigerator temperatures in hospitals, plants, retail stores and any other facilities where controlling temperature is mission critical. The TS1 and TS2 tags come with an external probe(s) that is inserted inside the freezer or fridge while the tag itself is located outside the cold environment allowing for easy maintenance and better network connectivity. The TS2 comes with two probes compared to TS1 that includes one probe. Having two probes enables monitoring two devices at the same time and lowers the total cost deployment. Respectively, the Ekahau TS-c Cube is a very small and sealed on-board temperature sensor tag which is very easy to install anywhere where temperature monitoring is required. The Ekahau TS Temperature Sensors have built-in logic to manage frequent sampling of the temperatures and can immediately report any anomalies that are detected. Advanced RTLS system logic and programming features, along with on-board alerting, provide customers with more features and capabilities than other similar Wi-Fi-based sensors on the market.

Ekahau T301Ex IECex Compliant Tag

The Ekahau T301Ex is an intrinsically safe Wi-Fi tag for locating assets and improving personnel safety and processes in hazardous environments, such as oil and gas rigs, petrochemical refineries and mines. The T301Ex tag is based on the T301A tag, which makes it ideal for asset and personnel tracking. It has been certified with international and European petrochemical certificates (IECEx, ATEX: II 1 G EEx ia IIc T6).

Ekahau T302iS Two-way Call Button

The Ekahau T301i has been designed for a wide variety of applications from industrial to healthcare. The tag provides a reliable method for signaling requests, such as for parts or service, through push button signals, device alarms and other triggers to back-end applications. Using its two-way communication capability, the tag is able to display status of the request or event, which can provide users with an estimate on delivery time to the person that, dispatched the call.

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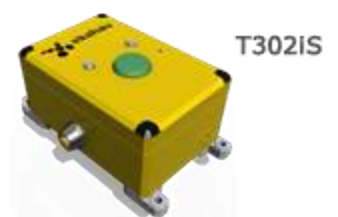
Hygienic, Cleanable, Medical, Industrial & Education Keyboards & Mice

Man & Machine, Inc. is an international provider of leading edge, dishwasher safe, infection control computer accessories focusing on medical, governmental, industrial, educational and general office environments.

Products include waterproof keyboards & mice, mobile keyboards for the RIM Blackberry, LCD privacy monitors and customized products to meet clients' unique applications.

Hygienic, Cleanable, Medical, Industrial & Education Keyboards & Mice

Whether your challenge is dirt or durability, blood or bacteria, coffee or coughing, Man & Machine's liquid resistant, 100% latex-free, rugged, silicone base keyboards and mice are engineered to withstand environmental hazards in all workplace settings.

From the OR to the ER, the factory to the field, our fully sealed IP-68 rated keyboards and mice can not only withstand the harshest conditions, they can be disinfected, sprayed, wiped, sanitized and even submerged to dramatically reduce incidence of damage and contamination.

Medical Environments

Our medical keyboards and mice are featured in many of the largest hospital systems and medical offices throughout the world. These devices are used in OR's, patient rooms, nursing stations, hospital carts, ICU's, laboratories and anywhere where infection control and patient safety is a concern. These products area cleanable with standard disinfectants, offer excellent tactile feedback and several come in wireless versions.

Staying Out of the ICU

Options include; Meditech layouts, MagFix (magnetic locking system), SCOP (variable cable lengths) and backlight. All products are 100% latex free and feature the best warranty in the business. Man & Machine's medical product line will keep your facility and finances out of the ICU.

Dental Keyboards

Protecting your patients and team members from blood, saliva and germs is critically important. Man & Machine's waterproof dental products are the solution to filthy, germ laden standard keyboards and mice that cannot be cleaned.

Solutions

For convenience, several of the keyboards and mice are offered in wireless versions and all offer excellent tactile feedback. From the economical Cool Drape silicone keyboard skin to the most advanced waterproof keyboards and mice in the industry we have a solution for every budget.

Warranty

All products are 100% latex free and feature the best warranty in the business. Man & Machine's dental product line will put a smile on your face.

Laboratory

Safety and Cleanliness

Featured in many of the largest laboratories, hospital systems and medical offices throughout the world these rugged, sealed keyboards and mice can be cleaned with your favorite chemical disinfectant. These Really Cool keyboards and mice can be used where blood, fluids and feces are analyzed. Where safety and cleanliness for your associates is important.

Education

Man & Machine's waterproof disinfectable keyboards and mice present a significant barrier to the transfer of germs in schools, libraries, and educational environments where computer peripherals are shared. With rugged, seamless designs that can be submersed and/or cleaned with alcohol or standard school disinfectants, students handle a clean peripheral that will have them taking home nothing but a good education.

Silence

Man & Machine's cleanable keyboards and mice are silent, with no annoying key clicks to distract attention, making them particularly suitable for educational environments.

No Germs

As shared computer peripherals in school systems present some of the most viral breeding grounds for transferable bacteria, MMI's disinfectable peripherals are key to establishing an effective program that protects against the transmission of H1N1 Swine Flu, common colds and the full gamut of awaiting infections.

Advantages

All offer excellent tactile feedback and several come in wireless versions. Options include; MagFix (magnetic locking system), SCOP (variable cable lengths) and backlight. All products are 100% latex free and feature the best warranty in the business.

Medical Grade Keyboards & Mice

Medical Environments

Our medical grade keyboards and mice are featured in many of the largest hospital systems and medical offices throughout the world. These devices are used in OR's, patient rooms, nursing stations, hospital carts, ICU's, laboratories and anywhere where infection control and patient safety is a concern. These products area cleanable with standard disinfectants, offer excellent tactile feedback and several come in wireless versions.

Staying Out of the ICU

Options include; Meditech layouts, MagFix (magnetic clocking system), SCOP (variable cable lengths) and backlight. All products are 100% latex free and feature the best warranty in the business. Man & Machine's medical grade product line will keep your facility and finances out of the ICU.

Premium Medical Grade Keyboards

Really Cool	**Really Cool Meditech**	**Slim Cool**	**Slim Cool Plus**
15" keyboard w/ numeric pad 100% sealed silicone Color: black & hygienic white USB	15" keyboard w/ numeric pad 100% sealed silicone Color: black & hygienic white USB	12" keyboard 100% sealed silicone Color: black & hygienic white USB	12" keyboard w/ touchpad 100% sealed silicone Color: black & hygienic white USB

Wireless Medical Keyboards & Mice

Really Hot Bluetooth	**U Hot**	**Hot Mouse**
15" keyboard w/ numeric pad 100% sealed silicone Color: black & hygienic white Bluetooth compatible	Wireless 17.5" Keyboard w/ numeric pad Dust & water resistant Color: black & hygienic white USB, suitable for adaptor	Full size optical mouse 5 button format Sealed silicone skin Color: black & hygienic white Bluetooth compatible

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Value Medical Keyboards

U Cool

17.5" Keyboard w/ numeric pad
Dust & water resistant
Color: black & hygienic white
USB connection, suitable for adaptor

Simply Cool

Waterproof keyboard
15" keyboard w/ number pad
Sealed silicone
Color: black & hygienic white
USB only

Medical Grade Mice

Mighty Mouse 5

Full size optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
USB

Petite Mouse

Compact optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
USB

www.ITs4HEALTH.com

Man & Machine Keyboards & Mice for Dental

Dental Keyboards

Protecting your patients and team members from blood, saliva and germs is critically important. Man & Machine's waterproof dental products are the solution to filthy, germ laden standard keyboards and mice that cannot be cleaned.

Solutions

For convenience, several of the keyboards and mice are offered in wireless versions and all offer excellent tactile feedback. From the economical Cool Drape silicone keyboard skin to the most advanced waterproof keyboards and mice in the industry we have a solution for every budget.

Premium Dental Keyboards

Really Cool

15" keyboard w/ numeric pad
100% sealed silicone
Color: black & hygienic white
USB & PS/2

Wireless Dental Keyboards & Mice

Really Hot Bluetooth

15" Keyboard w/ numeric pads
100% sealed silicone
Color: black & hygienic white
Bluetooth compatible

U Hot

Wireless
17.5" Keyboard w/ numeric pad
Dust & water resistant
USB, suitable for PS/2 adaptor

Hot Mouse

Full size optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
Bluetooth compatible

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Value Dental Keyboards

U Cool

17.5" keyboard w/ numeric pad
Dust & water resistant
Color: black & hygienic white
USB connection, suitable for PS/2 adaptor

Simply Cool

Waterproof keyboard
15" keyboard w/ number pad
Sealed silicone
Color: black & hygienic white
USB only

Dental Mice

Mighty Mouse 5

Full size optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
USB & PS/2 (PS/2 adapter sold separately)

Petite Mouse

Compact optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
USB & PS/2 (PS/2 adapter sold separately)

www.ITs4HEALTH.com

Man & Machine Keyboards & Mice for Laboratory

Safety and Cleanliness

Featured in many of the largest laboratories, hospital systems and medical offices throughout the world these rugged, sealed keyboards and mice can be cleaned with your favorite chemical disinfectant. These Really Cool keyboards and mice can be used where blood, fluids and feces are analyzed. Where safety and cleanliness for your associates is important.

Advantages

All offer excellent tactile feedback and several come in wireless versions. Options include; MagFix (magnetic locking system), SCOP (variable cable lengths) and backlight. All products are 100% latex free and feature the best warranty in the business.

Premium Laboratory Keyboards

Really Cool

15" keyboard w/ numeric pad
100% sealed silicone
Color: black & hygienic white
USB & PS/2

Slim Cool

12" keyboard
100% sealed silicone
Color: black & hygienic white
USB & PS/2

Slim Cool Plus

12" keyboard w/ touchpad
100% sealed silicone
Color: black & hygienic white
USB & PS/2

Wireless Laboratory Keyboards & Mice

Really Hot Tooth

15" keyboard w/ numeric pad
100% sealed silicone
Color: black & hygienic white
Bluetooth compatible

U Hot

Wireless
17.5" Keyboard w/ numeric pad
Dust & water resistant
Color: black & hygienic white
USB, suitable for PS/2 adaptor

Mighty Mouse Bluetooth

Full size optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
Bluetooth compatible

Value Laboratory Keyboards

U Cool

17.5" keyboard w/ numeric pad
Dust & water resistant
Color: black/grey & hygienic white
USB connection, suitable for PS/2 adaptor

Simply Cool

Waterproof keyboard
15" keyboard w/ number pad
Sealed silicone
Color: black/grey & hygienic white
USB only

Laboratory Mice

Mighty Mouse 5

Full size optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
USB & PS/2 (PS/2 adapter sold separately)

Petite Mouse

Compact optical mouse
5 button format
Sealed silicone skin
Color: black & hygienic white
USB & PS/2 (PS/2 adapter sold separately)

www.ITs4HEALTH.com

Good Education

Man & Machine's waterproof disinfectable keyboards and mice present a significant barrier to the transfer of germs in schools, libraries, and educational environments where computer peripherals are shared. With rugged, seamless designs that can be submersed and/or cleaned with alcohol or standard school disinfectants, students handle a clean peripheral that will have them taking home nothing but a good education.

Silence

Man & Machine's cleanable keyboards and mice are silent, with no annoying key clicks to distract attention, making them particularly suitable for educational environments.

No Germs

As shared computer peripherals in school systems present some of the most viral breeding grounds for transferable bacteria, MMI's disinfectable peripherals are key to establishing an effective program that protects against the transmission of H1N1 Swine Flu, common colds and the full gamut of awaiting infections.

Disinfectable Solutions

Teachers, librarians and administrators realize that mere surface wiping of keyboards and mice can't compete with the drooling, spilling and grimy hands-on interaction of countless youngsters, adolescents and adults. Man & Machine offers disinfectable solutions that contribute to effective infection control and fit every budget, many with limited lifetime warranties. Durability, reliability, and performance are built into every washable MMI design. Be sure to ask about keyboard drapes for added protection and cleaning ease.

Premium Keyboards for Education

Really Cool

15" Keyboard w/ numeric pad
100% sealed silicone
Color: black & hygienic white
USB & PS/2

Slim Cool

12" Keyboard
100% sealed silicone
Color: black & hygienic white
USB & PS/2

Slim Cool+

12" Keyboard w/ touchpad
100% sealed silicone
Color: black & hygienic white
USB Only

Value Keyboards for Education

Simply Cool

15" Keyboard w/ numeric pads
100% sealed silicone
Color: black & hygienic white
USB & PS/2

U Cool

17.5" keyboard w/ numeric pad
Dust & water resistant
Color: black & hygienic white
USB connection, suitable for PS/2 adaptor

www.ITs4HEALTH.com

Improve Business & Technical meeting effectiveness with "iBoard" touch screen

iBoard is an interactive Whiteboard (IWB) with a Large Interactive Display that connects to a computer and projector. Presenter can control the computer using pen or a finger or stick.

- Touch control makes everything easier
- Pickup a pen or use your finger to write or control computer
- Save your training and share using email or FTP

The Reasons, why Companies prefer to use iBoard during the meetings:
Present + Write notes + Record session – All together

Presenter can control computer based presentation directly from iBoard touch screen, write notes like using whiteboard and all these activity can be saved & recorded for sharing and future use.

3 in 1 – iBoard can be used as
1. A normal Whiteboard with water based Pen
2. Touch sensitive computer screen
3. Like normal projector screen

You can replace your existing projector screen with iBoard, and add two additional functionality in your presentation room -

a. Touch sensitive screen, to control computer software for presentation, writing notes etc.

b. Use as normal whiteboard and pen based meetings.

To develop, manufacture, and market technology-based products that provide equal access to information and computing for those with vision impairments.

Vision Loss Facts and Resources

Cataracts, diabetic retinopathy, glaucoma, macular degeneration, and retinitis pigmentosa are some of the eye diseases responsible for low vision. The links on this page provide insight to the issues and questions you may have regarding low vision and its impact on you or someone you know.

It's a Fact ...

The number of people with some degree of vision loss is growing rapidly, especially among senior populations. Conditions such age-related macular degeneration (AMD), cataracts, glaucoma, diabetic retinopathy, or optic nerve disease are common among US residents, 65 years and older. AMD accounts for almost 45 percent of all cases of low vision in the US.

8 percent of all Americans have diabetes, a top cause of vision loss. The number of Americans with diabetes has grown to about 24 million people - an increase of about 3 million over two years - according to data released by the Centers for Disease Control and Prevention in June 2008. The CDC estimates another 57 million people have pre-diabetes, which puts them at increased risk for the disease.

Products

Programs
Equipment & Devices
Daily Living Aids and Tools

- Notetakers
- What are Talks and Zooms?
- Braille Displays
- CCTVs and Magnifiers
- Lunar
- Nattiq to Add Additional Arabic TTSes to Talks
- Pocket Hal
- Braille Displays
- Digital Talking Book
- Digital Talking Library
- Duxburry DBT (Arabic Version) Arabic Braille Tables Software
- Hal Pen
- Zooms - Mobile Phone Screen Magnifier

Braille Sense Plus

Braillino

BrailleWave

Seika

Alva Satallite

IVEO Learning System

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Touch Solutions for Medical and Healthcare Applications

Healthcare Automation

The Right Prescription for Healthcare Automation

Whether operating electronic medical record systems, computerized physician order-entry systems, nurses' stations, or mobile point-of-care units, our multifunction touchmonitors and touchcomputers enable to the input data quickly and efficiently at the touch of a finger, reducing tedious tasks and reducing the potential for error. These versatile touch products include options for a magnetic stripe reader (MSR) and, for areas where security is key; a biometric fingerprint recognition device is available.

Our larger touchmonitors make an excellent tool for computer-aided training and digital signage. With a natural touch interface, trainees can focus on the material without the distraction of an input device.

Clinical, Dental Office Automation

Touch is a natural interface for fast access to patient records and automation of tasks such as patient appointment scheduling. Our affordable desktop touchmonitors' and all-in-one touchcomputers' convenient design takes up little space, and the lockable controls are on the side instead of the front. All models are also customizable to meet a special set of usage requirements.

Pharmacy Automation

Touch provides the same universal ease of use and effectiveness in medicine and medical supply dispensation and management systems and in point-of-sale (POS) solutions. Effective automation is achieved simply and efficiently with our multifunction LCD touchmonitors with integrated MSR and rear-facing customer display—or with our all-in-one touchcomputers, which provide the same multi-functionality in the footprint of a standard display.

Healthcare Automation

The Right Prescription for Healthcare Automation

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Pharmacy Automation

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Meditech is counted amidst the renowned in supplying health-care and **surgical equipments**. The company offers a comprehensive range of surgical equipment, medical surgical equipment, operation theatre equipment, OT tables, universal operating tables, universal operating lights, led operation light, orthopedic attachments, neuro attachment, hospital furniture, hollow wares, stethoscopes and suction machines.

Meditech is an ISO 9001 & ISO 13485 Certified & CE MARK Company specifically focused on offering the superior quality products and timely services. Each of its surgical accessories for the operation theaters is designed ergonomically and certified by competent medical authorities. All its products are in compliance to international quality standards.

Overview
This Electromatic O.T Table is suitable for all kind of surgeries, i.e. general surgery, vascular surgery, cardio, neurology, urology, gynecology, proctology, laparoscopy, traumatic surgery, dental surgery, plastic surgery and others. The table is specially designed with hanging ortho attachment to support a patient in correct positions for various orthopedic procedures.

Key Structure
* The five section table top is X-ray translucent and is equipped with removable, antistatic 50 mm thick mattresses.
* The base & column of the table is made of high quality medical stainless steel (Grade - 304). Non- reflecting surface, antibacterial & is easy to clean.
* The table can provide with a top sliding of 250 mm, Dual Leg Section & Battery backup as per consumer requirement. (Optional)
* Hanging Orthopedic Attachment including Pelvic Support, Tibia Nailing & Femur Nailing enables the limbs to perform strain free.
* Height adjustment, Lateral Tilts, Trendelenburg, and Flex - Reflex, Chair Position and Longitudinal Sliding top are realized by Remote control.
* Head and Leg sections are detachable & interchangeable.

Technical Constraints

Top dimension	L 2032 x W 550 mm
Height adjustment	787 mm - 1037 mm
Table Top Sliding	250 mm (optional)
Trendelenburg / Reverse	30° / 25°
Lateral tilt	20° / 20°
Kidney elevator	150 mm
Back Rest (up / down)	80° / 25°
Leg Rest (up / down)	15° / 90°
Head Rest (up / down)	20° / 60°
Power supply	24V DC
Battery Backup	2 - 3 hours (Optional)

Overview
This Electromatic O.T Table is suitable for all kind of surgeries, i.e. general surgery, vascular surgery, cardio, neurology, urology, gynecology, proctology, laparoscopy, traumatic surgery, dental surgery, plastic surgery and others. The table is specially designed with orthopedic attachment to support a patient in correct positions for various orthopedic procedures.

Key Structure
* The table has been made from acid proof, stainless steel (the face of the table is easy to clean and immune to disinfection agents). Strong & rust free base of stainless steel is provided to make the working conditions pleasant for the doctors & nurses.
* Orthopedic attachment (hips and legs support) including the patient's pelvis support and legs support enables the limbs strain performing. Design of the attachment & eccentric column provides monitoring of the limbs with the C arm during the operation.
* The various positions such as Up – Down movements, Trendelenburg - Reverse Trendelenburg, Lateral Tilts, Flex - Reflex, Chair Position as realized by remote control.
* Leg section & head section are interchangeable.

Technical Constraints

Top dimension	L 1930 x W 553 mm
Height adjustment	762 mm – 1012 mm
Trendelenburg / Reverse	30° / 25°
Lateral tilt	20° / 20°
Kidney elevator	150 mm
Back Rest (up / down)	80° / 25°
Leg Rest (up / down)	15° / 90°
Head Rest (up / down)	20° / 60°
Power supply	24V DC
attery BackupB	2 - 3 hours (Optional)

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The top segments are translucent for X-rays and enable taking pictures and monitoring a patient with a C-arm. The positions in five section table top are adjusted manually by mechanical drive. It's safe and robust mechanism prevents breakdown during an operation.

Key Structure

* With regular human strength, up-down table position can be fixed by stepping foot pedal downward
* The base is eccentric for trouble-free C-ARM movements.
* Leg & Head section are interchangeable.

Technical Constraints

Top dimension	L 1905 x W 553 mm
Height adjustment	787 mm – 1042 mm
Trendelenburg / Reverse	30° / 25°
Lateral tilt	20° / 20°
Kidney elevator	150 mm
Back Rest (up / down)	80° / 25°
Leg Rest (up / down)	15° / 90°
Head Rest (up / down)	20° / 60°

The Major Head End Control O.T Table is Hydraulic Multi-Function System with S.S Top. An easy to operate operation table with all Major Positions of the table are simply effected by crank operated on the Head End of the table. Improved Gear Mechanism is totally concealed for obtaining all positions from the Head End.

Key Structure

* The five section top is made up of Stainless steel for safe & secure operations. In order to prevent corrosion caused by cleaning and sterilizing, the exposed parts are made up of Stainless steel body.
* The table is suitable for all surgeries, by obtaining Trendelenburg / Reverse Trendelenburg, Lateral tilts, Flex / Reflex & Chair positioning from the head end.

Technical Constraints

Top dimension	L 1905 x W 497 mm
Height adjustment	762 mm – 1000 mm
Trendelenburg / Reverse	30° / 25°
Lateral tilt	20° / 20°
Kidney elevator	150 mm
Back Rest (up / down)	80° / 25°
Leg Rest (up / down)	15° / 90°
Head Rest (up / down)	20° / 60°

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Meditech provides table positions for surgical and orthopedic table. These table positions are available for tables used in neuro-surgery, orthopedic check-up, dental examination, physiotherapy and general surgery applications. These table positions consist of limb support, limb cradle support, orientation control device, movable handle and many more. These positions can be attached with O.T. tables easily. These tables are beautifully designed and nicely finished. We provide orthopedic table, operation table accessories, orthopedic attachments, orthopedic attachments, surgical table accessories, orthopedic tables, kidney position tables etc.

Chair Position

Trendelenburg Position

Reverse Trendelenburg Position

Kidney Position

Flex Reflex Position

Lateral Tilt Position

Standard Accessories

This range comprises of all types of standard accessories used with surgical and non-surgical tables. There are different products in various specifications. The range consists of shoulder supports, lateral supports, knee crutches, arm board and anesthetic screen frame.

Shoulder Supports

Lateral Supports

Knee Crutches

Hand Rest

Anesthetic Screen Frame

In this range, there is a complete collection of optional accessories that are used with surgical and non-surgical tables. The products range comprises of dual leg section, neuro-shoe shaped sleeping, neuro-skill damp, inberger hand traction, raised arm board etc.

Knee Rest

Raised Arm Board

Hand Rest With Support Bar

Spine Support

Inberger Hand Traction

Accessories stand

Dual Leg Section

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The quality orthopedic attachment offered by us is known for their superior performance, utility and durability. Available at competitive prices, our orthopedic attachments can be used with any type of operating table as it dependently stands on the floor. Made of quality material, these are superior in functionality and use and have earned us huge accolades.

Orthopedic Attachment

Features

1. This Orthopedic Extension device can be used with any operating table as it independently stand on the floor.
2. Specially Design for Intra Operative X-Ray photos & image intensifier set use.
3. Removable Pelvis rest & X-Ray translucent pelvis stem.
4. Stirring Instruments allows Flexion/Raising of Legs & Stirring/String ball joints locked from foot end.
5. Two Traction Devices on sliding spot with ball joint allowing flexions & rotations of foot with traction shoe with metallic sole.
6. Padded orthopedic knee Crutches/Provides support to the legs of the patient.
7. Traction Unit with supporter is so easily & collapsible that it requires a very small place.

Specification:

- Provide 360-degree rotation positioning of the Head System.
- Adopts all major headrest and skull clamps to the Mayfield three head pin base unit.
- Exclusive spring loaded mechanism provides assured stability and a secured lock.

Neuro Attachment

Three Pin Neuro Attachment

Features

3Pin Head Clamp:
1. The skull clamp has the additional feature of a swiveling c-arm.
2. This swiveling capacity greatly facilitates positioning the pins on the head around nerves, vessels, and thin bone in the temporal region.
3. For better result, the arm is locked by control knob and the width is adjusted by a ratchet mechanism.
4. The three cone-shaped pins available in adult and child sizes are interchangeable and may be removed for sterilization.

Horseshoe Headrest Neuro Attachment
1. This attachment, originally designed for transsphenoidal hypophysectomy is used for all prone position procedures.
2. It is attached to the Adjustable Basic Unit by means of transitional member and the Gardner Clamp Adaptor.
3. It is padded with soft, pliable sponge rubber for equalized weight distribution and incorporates the new quick-change pads.
4. The horseshoe width can be quickly adjusted to accommodate various head sizes.
5. A removable, adjustable pulley bar is included if traction is desired.

Meditech offers the latest technology operation theatre lights that deliver flawless performance for various surgical applications. Our operation theatre lights use a highly refined and technologically advanced lighting system that has earned us huge accolades from our clients the world across. Available at industry leading prices, our operation lights help in improving the surgical precision and procedural efficiency. Meditech unique range of operation theatre lights comprises of operation theatre lights, ceiling operation lights, surgical operation light, ceiling operation light, ceiling operation theatre lights, shadowless surgical light etc.

Surgical Operating Light CMI-220

Key Structure
- A New superior quality O.T. Light executed by a Remote Control. This Light provides the superior performance and is good for all kinds of Surgery.
- Lights arms are made of Stainless Steel Fitting.
- The light is equipped with the reserve light source, which is activated automatically in case the main light source brakes down.
- Sterilizable handle has been provided in the middle of the dome.
- Inbuilt is an Imported Dichoric Glass Reflector, which increases the Lux up to 1, 80,000 (± 10%).
- LED Display that helps the user to adjust the Intensity of Light from 0 to 100%.

Technical Constraints

Dome Head	504 mm x 2
Halogen Bulbs	24V x 150 W x4 nos.
Light intensity at 1 mt	1,80,000 Lux
Height Adjustment	978 mm
Dichoric Glass Reflector	390 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	SMPS

Surgical Operating Light CMI-274

Key Structure

- This Operation Reflector Lamp offers the illumination as compared to other standard models.
- Halogen Lights suitable for Major as well as Minor Surgery, fully spring balanced cool lights.
- Sterilizable handle has been provided in the middle of the dome for adjust the focus.
- A Shadow less light is suitable for all sizes of Operation Theatres as it gives maximum light output with minimum heat dissipation.
- Parabolic reflectors & color correcting filters.

Technical Constraints

Dome Head	712 mm & 550 mm
Halogen Bulbs	24V x 70 W x 4 nos.
Light intensity at 1 mt	90,000 & 50,000 Lux
Height Adjustment	714 mm & 912 mm
Parabolic Reflector	180 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	3° -4° C
Control Unit	Transformer

Ceiling Surgical Operating Light CMI-203

Key Structure
- This Light provides the superior performance and is good for all kinds of Surgery.
- Inbuilt is an Imported **Dichoric Glass Reflector**, which increases the Lux up to 80,000 (± 10%).
- Lights arms are made of Stainless Steel Fitting.
- During the long time operation, there is no fatigued feeling to the eyes, due to the range of the color temp - 4200 K ±300 as natural color tone
- Sterilizable handle has been provided in the middle of the dome for regulating the focus.
- Light intensity can be adjusted by the **Digital Control Panel**. Diffuser spreads the light uniformly. It protects the light and gives excellent shadow reduction. It also reduces infrared radiation and enhances the light's appearance.

Technical Constraints

Dome Head	515 mm x 2
Halogen Bulbs	24V x 70 W x 6 nos.
Light intensity at 1 mt	1,60,000 Lux
Height Adjustment	1014 mm
Dichoric Glass Reflector	200 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	SMPS

Meditech latest technology operation lights that deliver flawless performance for various surgical applications. Meditech operation lights use a highly refined and technologically advanced lighting system that has earned us huge accolades from our clients the world across. Available at industry leading prices, our operation lights help in improving the surgical precision and procedural efficiency. Meditech product range comprises of surgical lights, surgical operation light, surgical O.T. light, hydraulic operation table, surgical operation light, ceiling operation light, mobile surgical light, minor surgery light etc.

Ceiling Surgical Operating Light CMI-217

Key Structure
- The Compact light head with shadow reduction control makes this light suitable for wide variety of procedures including the General Surgery.
- Every light head is equipped with two bulbs (the primary bulb and the back-up bulb). When the primary bulb fails, the back-up bulb lights up automatically to ensure continuous uninterrupted lighting throughout the case.
- Lights arms are made of Stainless Steel Fitting.
- During the long time operation, there is no fatigued feeling to the eyes, due to the range of the color temp - 4,200 K ±300 as natural color tone
- Sterilizable handle has been provided in the middle of the dome in feather touch moment.
- **Digital Control Panel** to increase or decrease the intensity of the light.

Technical Constraints

Dome Head	465 mm x 2
Halogen Bulbs	24V x 150 W x 4 nos.
Light intensity at 1 mt	1,60,000 Lux
Height Adjustment	1065 mm
Dichoric Glass Reflector	365 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	SMPS

Ceiling Surgical Operating Light CMI-204

Key Structure
- This Operation Reflector Lamp offers the illumination as compared to other standard models.
- Halogen Lights suitable for Major as well as Minor Surgery, fully spring balanced cool lights.
- Sterilizable handle has been provided in the middle of the dome for adjust the focus.
- A Shadow less light is suitable for all sizes of Operation Theatres as it gives maximum light output with minimum heat dissipation.
- Parabolic reflectors & color correcting filters.

Technical Constraints

Head	550 mm x 2
Halogen Bulbs	24V x 70 W x 8 nos.
Light intensity at 1 mt	1,00,000 Lux
Height Adjustment	914 mm
Parabolic Reflector	180 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	Transformer

Surgical Operating Light CMI-219

Key Structure
- The Light Head provides the superior performance and is good for all kinds of surgeries. The compact light head with shadow reduction control makes this light suitable for wide variety of procedures, including the General Surgery, Micro Surgery, E.N.T., OB/GYN, Orthopedic and Cosmetic Surgery.
- A Shadow less light suitable for all sizes of Operation Theatres as it gives maximum light output with minimum heat dissipation.
- Lights arms are made of Stainless Steel Fitting. The range of the color temp - 4,200 K ±300 as natural color tone
- The light equipped with the reserve light source, which is activated in case the main light source brakes down.
- Sterilizable handle has been provided on the dome for easy movement.

Technical Constraints

Dome Head	521 mm x 2
Halogen Bulbs	24V x 150 W x 2 nos
Light intensity at 1 mt	1,00,000 Lux
Height Adjustment	1014 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	Transformer

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Surgical Operating Light CMI-216

- The light is equipped with the reserve light source, which is activated automatically in case the main light source brakes down.
- Lights arms are made of Stainless Steel Fitting.
- Sterilizable handle has been provided in the middle of the dome.
- Inbuilt Parabolic Reflector, which increases the Lux up to 1, 20,000 (± 10%).
- Heat absorbing& color correcting filtering glasses.

Technical Constraints

Dome Head	405 mm x 2
Halogen Bulbs	24V x 150 W x 4 nos.
Light intensity at 1 mt	1,20,000 Lux
Height Adjustment	1014 mm
Parabolic Reflector	355 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	Transformer

Meditech offer the latest technology operation lights that deliver flawless performance for various surgical applications. Our operation lights use a highly refined and technologically advanced lighting system that has earned us huge accolades from our clients the world across. Available at industry leading prices, our operation lights help in improving the surgical precision and procedural efficiency. Our product range comprises of surgical lights, surgical operation light, surgical O.T. light, hydraulic operation table, surgical operation light, ceiling operation light, mobile surgical light, minor surgery light etc.

Ceiling Operation Theatre Lights Single CMI-120

Key Structure
- A New superior quality O.T. Light executed by a Remote Control. This Light provides the superior performance and is good for all kinds of Surgery.
- Lights arms are made of Stainless Steel Fitting.
- The light is equipped with the reserve light source, which is activated automatically in case the main light source brakes down.
- Sterilizable handle has been provided in the middle of the dome.
- Inbuilt is an Imported Dichoric Glass Reflector, which increases the Lux up to 90,000 (± 10%).
- LED Display that helps the user to adjust the Intensity of Light from 0 to 100%.

Technical Constraints

Dome Head	504 mm
Halogen Bulbs	24V x 150 W x 2 nos.
Light intensity at 1 mt	90,000 Lux
Height Adjustment	1078 mm
Dichoric Glass Reflector	390mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	SMPS

Ceiling Surgical Operating Light CMI-107

Key Structure
- This Operation Reflector Lamp offers the illumination as compared to other standard models.
- Halogen Lights suitable for Major as well as Minor Surgery, fully spring balanced cool lights.
- Sterilizable handle has been provided in the middle of the dome for adjust the focus.
- A Shadow less light is suitable for all sizes of Operation Theatres as it gives maximum light output with minimum heat dissipation.
- Parabolic reflectors & color correcting filters.

Technical Constraints

Dome Head	712 mm
Halogen Bulbs	24V x 70 W x 7 nos
Light intensity at 1 mt	90,000 Lux
Height Adjustment	714 mm
Parabolic Reflector	180 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	3° -4° C
Control Unit	Transformer

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Ceiling Surgical Operating Light CMI-103

Key Structure
- This Light provides the superior performance and is good for all kinds of Surgery.
- Inbuilt is an Imported **Dichoric Glass Reflector**, which increases the Lux up to 80,000 (± 10%).
- Lights arms are made of Stainless Steel Fitting.
- During the long time operation, there is no fatigued feeling to the eyes, due to the range of the color temp - 4,200 K ±300 as natural color tone
- Sterilizable handle has been provided in the middle of the dome for regulating the diameter of focus.
- Light intensity can be adjusted by the **Digital Control Panel.** Diffuser spreads the light uniformly. It protects the light and gives excellent shadow reduction. It also reduces infrared radiation and enhances the light's appearance.

Technical Constraints

Dome Head	515 mm
Halogen Bulbs	24V x 70 W x 3 nos
Light intensity at 1 mt	80,000 Lux
Height Adjustment	1014 mm
Dichoric Glass Reflector	200 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	SMPS

Ceiling Surgical Operating Light CMI-117

Key Structure
- The Compact light head with shadow reduction control makes this light suitable for wide variety of procedures including the General Surgery.
- The light head is equipped with two bulbs (the primary bulb and the back-up bulb). When the primary bulb fails, the back-up bulb lights up automatically to ensure continuous uninterrupted lighting throughout the case.
- Lights arms are made of Stainless Steel Fitting.
- During the long time operation, there is no fatigued feeling to the eyes, due to the range of the color temp - 4,200 K ±300 as natural color tone
- Sterilizable handle has been provided in the middle of the dome in feather touch moment.
- **Digital Control Panel** to increase or decrease the intensity of the light.

Technical Constraints

Dome Head	465 mm
Halogen Bulbs	24V x 150 W x 2 nos.
Light intensity at 1 mt	80,000 Lux
Height Adjustment	1065 mm
Dichoric Glass Reflector	365 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	SMPS

Offering technologically ahead Operation lights that have special heat absorbing properties and make atmosphere bright and soothing. Meditech lights have color correcting glass filters and consume low power. Meditech range if highly durable, robust and long lasting. We undertake customization and offer our products in a most cost effective way.

Ceiling Surgical Operating Light CMI-104

Key Structure
- The light has daylight characters and can be adjusted as per the operation requirements
- Lights arms are made of Stainless Steel Fitting.
- The range of the color temp - 4,200 K ±300 as natural color tone.
- Detachable handle for simplistic sterilization.
- Parabolic reflectors & color correcting filters.

Technical Constraints

Dome Head	550 mm
Halogen Bulbs	24V x 70 W x 4 nos.
Light intensity at 1 mt	50,000 Lux
Height Adjustment	914 mm
Parabolic Reflector	180 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	Transformer

Ceiling Surgical Operating Light CMI-119

Key Structure
- The Light Head provides the superior performance and is good for all kinds of surgeries. The compact light head with shadow reduction control makes this light suitable for wide variety of procedures, including the General Surgery, Micro Surgery, E.N.T., OB/GYN, Orthopedic and Cosmetic Surgery.
- A Shadow less light suitable for all sizes of Operation Theatres as it gives maximum light output with minimum heat dissipation.
- Lights arms are made of Stainless Steel Fitting. The range of the color temp - 4,200 K ±300 as natural color tone
- The light equipped with the reserve light source, which is activated in case the main light source brakes down.
- Sterilizable handle has been provided on the dome for easy movement.

Technical Constraints

Dome Head	521 mm
Halogen Bulbs	24V x 150 W x 2 nos.
Light intensity at 1 mt	50,000 Lux
Height Adjustment	1014 mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	Transformer

Bringing a range that delivers uninterrupted services. Meditech operation lights or mobile operation lights are used for different surgical operations. Meditech range is technologically designed to perform best at all conditions. Meditech lights have anti rust coating that made its life longer and more durable. These can be customized according to the client's needs and requirements.

Mobile Surgical Operating Light MI-20

Key Structure
- A New superior quality O.T. Light executed by a Remote Control. This Light provides the superior performance and is good for all kinds of Surgery.
- Lights arms are made of Stainless Steel Fitting.
- The light is equipped with the reserve light source, which is activated automatically in case the main light source brakes down.
- Sterilizable handle has been provided in the middle of the dome.
- Inbuilt is an Imported Dichoric Glass Reflector, which increases the Lux up to 1, 00,000 (± 10%).
- LED Display that helps the user to adjust the Intensity of Light from 0 to 100%.

Technical Constraints

Dome Head	504 mm
Halogen Bulbs	24V x 150 W x 2 nos.
Light intensity at 1 mt	90,000 Lux
Height Adjustment	1078 mm
Dichoric Glass Reflector	390mm
Color Temperature	4200 K ±300
Temp rise in field (1 mt)	2° -3° C
Control Unit	SMPS

Mobile Operation Lights

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Mobile Surgical Operating Light MI-3

Key Structure
- This Light provides the superior performance and is good for all kinds of Surgery.
- Inbuilt is an Imported Dichoric Glass Reflector, which increases the Lux up to 80,000 (± 10%).
- Lights arms are made of Stainless Steel Fitting.
- During the long time operation, there is no fatigued feeling to the eyes, due to the range of the color temp - 4,200 K ±300 as natural color tone.
- Sterilizable handle has been provided in the middle of the dome for regulating the diameter of focus.
- Light intensity can be adjusted by the **Digital Control Panel.** Diffuser spreads the light uniformly. It protects the light and gives excellent shadow reduction. It also reduces infrared radiation and enhances the light's appearance.

Technical Constraints

Dome Head:	515 mm
Halogen Bulbs:	24V x 70 W x 3 nos
Light intensity at 1 mt:	80,000 Lux
Height Adjustment:	1014 mm
Dichoric Glass Reflector:	200 mm
Color Temperature:	4200 K ±300
Temp rise in field (1 mt):	2° -3° C
Control Unit:	SMPS

Mobile Surgical Operating Light MI-4

Key Structure
- The light has daylight characters and can be adjusted as per the operation requirements.
- Lights arms are made of Stainless Steel Fitting.
- The range of the color temp - 4,200 K ±300 as natural color tone.
- Detachable handle for simplistic sterilization.
- Parabolic reflectors & color correcting filters.

Technical Constraints

Dome Head:	550 mm
Halogen Bulbs:	24V x 70 W x 4 nos.
Light intensity at 1 mt:	50,000 Lux
Height Adjustment:	914 mm
Parabolic Reflector:	180 mm
Color Temperature:	4200 K ±300
Temp rise in field (1 mt):	2° -3° C
Control Unit:	Transformer

Mobile Surgical Operating Light MI-19

Key Structure
- The Light Head provides the superior performance and is good for all kinds of surgeries. The compact light head with shadow reduction control makes this light suitable for wide variety of procedures, including the General Surgery, Micro Surgery, E.N.T., OB/GYN, Orthopedic and Cosmetic Surgery.
- A Shadow less light suitable for all sizes of Operation Theatres as it gives maximum light output with minimum heat dissipation.
- Lights arms are made of Stainless Steel Fitting. The range of the color temp - 4,200 K ±300 as natural color tone
- The light equipped with the reserve light source, which is activated in case the main light source brakes down.
- Sterilizable handle has been provided on the dome for easy movement.

Technical Constraints

Dome Head:	521 mm
Halogen Bulbs:	24V x 150 W x 2 nos.
Light intensity at 1 mt:	50,000 Lux
Height Adjustment:	1014 mm
Color Temperature:	4200 K ±300
Temp rise in field (1 mt):	2° -3° C
Control Unit:	Transformer

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Wall Mounted Surgical Operating Light (WM - 20)

Key Structure

- A New superior quality O.T. Light executed by a Remote Control. This Light provides the superior performance and is good for all kinds of Surgery.
- This light is fitted at 7 − 9 ft height. Lights arms are made of Stainless Steel Fitting.
- The light is equipped with the reserve light source, which is activated automatically in case the main light source brakes down.
- Sterilizable handle has been provided in the middle of the dome.
- Inbuilt is an Imported Dichoric Glass Reflector, which increases the Lux up to 90,000 (± 10%).
- LED Display that helps the user to adjust the Intensity of Light from 0 to 100%.

Technical Constraints

Dome Head:	504 mm
Halogen Bulbs:	24V x 150 W x 2 nos
Light intensity at 1 mt:	90,000 Lux
Height Adjustment:	1078 mm
Dichoric Glass Reflector:	390mm
Color Temperature:	4200 K ±300
Temp rise in field (1 mt):	2° -3° C
Control Unit:	SMPS

Wall Mounted Surgical Operating Light (WM-3)

Key Structure

- This Light provides the superior performance and is good for all kinds of Surgery.
- Inbuilt is an Imported Dichoric Glass Reflector, which increases the Lux up to 80,000 (± 10%).
- Lights arms are made of Stainless Steel Fitting.
- This light is fitted at 7 − 9 ft height.
- Sterilizable handle has been provided in the middle of the dome for regulating the diameter of focus.
- Light intensity can be adjusted by the Digital Control Panel. Diffuser spreads the light uniformly. It protects the light and gives excellent shadow reduction. It also reduces infrared radiation and enhances the light's appearance.

Technical Constraints

Dome Head:	515 mm
Halogen Bulbs:	24V x 70 W x 3 nos.
Light intensity at 1 mt:	80,000 Lux
Height Adjustment:	1014 mm
Dichoric Glass Reflector:	200 mm
Color Temperature:	4200 K ±300
Temp rise in field (1 mt):	2° -3° C
Control Unit:	SMPS

Wall Mounted Surgical Operating Light (WM-17)

Key Structure

- The Compact light head with shadow reduction control makes this light suitable for wide variety of procedures including the General Surgery.
- The light head is equipped with two bulbs (the primary bulb and the back-up bulb). When the primary bulb fails, the back-up bulb lights up automatically to ensure continuous uninterrupted lighting throughout the case.
- This light is fitted at 7-9 ft height. Lights arms are made of Stainless Steel Fitting.
- During the long time operation, there is no fatigued feeling to the eyes, due to the range of the color temp - 4,200 K ±300 as natural color tone.
- Sterilizable handle has been provided in the middle of the dome in feather touch moment.
- **Digital Control Panel** to increase or decrease the intensity of the light.

Technical Constraints

Dome Head:	465 mm
Halogen Bulbs:	24V x 150 W x 2 nos.
Light intensity at 1 mt:	80,000 Lux
Height Adjustment:	1065 mm
Dichoric Glass Reflector:	365 mm
Color Temperature:	4200 K ±300
Temp rise in field (1 mt):	2° -3° C
Control Unit:	SMPS

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Meditech offer 2nd Generation LED Operation lights, innovative thought to build up operating room with powerful illumination light for better operation. Meditech LED Operation light provides cold, shadowless and brighter light area for long surgeries, without any interruption to surgeons.

Ceiling LED Surgical Light XN 243
XN 243 Dual light contains two light heads of different size (LED XN 4 and XN 3), which together create a most beautiful light field with superior performance.
Variable Color Temperature
Whether operating in areas which have a good or poor supply of blood, surgeons can optimize their filed of view by changing the color temperature with a color Rendering Index (CRI) of up to Ra 93. It is easy to distinguish small differences in tissue. Studies have indicated a higher color temperature can reduce eye fatigue and improve concentration during long procedures and late night operations.
Cold light
A heat dispersion board is designed into the lighthead, for better heat management, their light carries no heat at all! This means that the light focused at the operating site is cool, which reliably prevents organs from being dried-out even during extended operations.
Sterile & Non Sterile Handles
XN 243 provides both sterile & non-sterile handles for operators. The sterile handle is for adjusting the light pattern. The non-sterile handle incorporates with the controls in equipped for the circulator.
Digital Control Panel
The panel is designed with graphical icons to allow user to quickly learn and easily operate. Panel features include:
- On/off finger touch switch
- Light intensity adjustment
- Light colour pattern adjustment

Technical Constraints

Illumination Intensity at 1mm	280000
Field size of 1m distance	17-25 cm
Color Temperature	4300 K
Working Distance	120 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	49
Temperature increase at surgeon head	2°C
Dome Head Dia	60/53 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

Ceiling LED Surgical Light XN 233
XN 233 is equipped with focusable, high intensity LED optics that provides superior deep cavity illumination. At its center a re fixed focus. Centra LEDs which produce and deliver an enhanced, bright, cool and uniform column of light to the surgical field.
Full Spectrum Colour Rendition
Natural white light picks our all the visible colors for your eyes so you can see clearly and without eye strain.
- Easy to distinguish small difference of tissue
- All the colors are strong and vibrant
- Reduced eye strain by mistaking the light do all work Instead of the eye.
Cold light
A heat dispersion board is designed into the light head, for better heat management, their light carries no heat at all! This means that the light focused at the operating site is cool, which reliably prevents organs from being dried-out even during extended operations. Likewise, surgeons benefit from this property of light-emitting diodes as well, as they will always keep a cool head – literally!
Sterile & Non Sterile Handles
XN 233 provides both sterile & non-sterile handles for operators. The sterile handle is for adjusting the light pattern. The non-sterile handle incorporates with the controls in equipped for the circulator.
Digital Control Panel
The panel is designed with graphical icons to allow user to quickly learn and easily operate. The controller could be also considered as a non-sterile handle. Panel features include:
- On/Off finger touch switch
- Light intensity adjustment
- Light colour temperature adjustment

Technical Constraints

Illumination Intensity at 1mm	250000
Field size of 1m distance	17-25 cm
Color Temperature	4300 k
Working Distance	120 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	42
Temperature increase at surgeon head	2°C
Dome Head Dia	53/53 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

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Ceiling LED Surgical Light XN 255

For Major and Minor Surgeries in:
1. Operating Rooms
2. Examination rooms

The XN surgical light provides superior performance and is good for all kind of surgeries. The compact light head with shadow reduction control make this light suitable for general surgery.

Color temperature
The color temperature for illuminating the operating fields is 4300K which helps to see the various types of tissue and organs in their actual visual state.

Sterilize Handle
The sterilize handle is provided in the middle of dome for easy feather touch movement and for focus adjustment.

Technical Constraints

Illumination Intensity at 1mm	200000
Field size of 1m distance	17-25 cm
Color Temperature	4300 k
Working Distance	125cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	36
Temperature increase at surgeon head	2°C
Dome Head Dia	55/55 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

Ceiling LED Surgical Light XN 266

For Minor Surgery and as an examination light in:
1. Operating Rooms
2. Emergency Wards
3. Examination rooms

The XN 266 surgical light provides superior performance and is good for all kind of surgeries. The compact light head with shadow reduction control make this light suitable for wide variety of procedures.

Color Temperature
The Colour temperature for illuminating the operating fields is 4200K which helps to see the various types of tissue and organs in their actual visual state.

Sterile Handle
The sterile handle in the center of the dome for easy feather touch movement and focus adjustment.

Technical Constraints

Illumination Intensity at 1mm	120000
Field size of 1m distance	20 cm
Color Temperature	4300 k
Working Distance	125 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	5°
Focus adjustable by sterilizable handle	No
Number of Lights Modules	12
Temperature increase at surgeon head	2°C
Dome Head Dia	40/40 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

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Ceiling LED Surgical Light XN 104

Variable Color Temperature

Whether operating in areas which have a good or poor supply of blood, surgeons can optimize their field of view by changing the color temperature with a color Rendering Index (CRI) of up to Ra. 93. Studies have indicated a higher color temperature can reduce eye fatigue and improve concentration during long procedure and late night operations.

Full Spectrum Colour Rendition
Natural white light picks our all the visible colors for your eyes as you can see clearly and without eye strain.

- Easy to distinguish small differences in tissue
- All the colors are strong and vibrant
- Reduced Eyes strain by making the light do the work instead of the eye.

Sterile & Non Sterile Handles
The panel is designed with graphical icons to allow user to quickly learn and easily operate. The controller could be also considered as a non-sterile handle. Panel features include:

Digital Control Panel
- On/off finger touch switch
- Light intensity adjustment
- Light colour temperature adjustment

Technical Constraints

Illumination Intensity at 1mm	160000
Field size of 1m distance	17-25 cm
Color Temperature	4300 k
Working Distance	120 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	28
Temperature increase at surgeon head	1°C
Dome Head Dia	60 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

Ceiling LED Surgical Light XN 103

Variable Colour temperature

Whether operating in areas which have a good poor supply of blood, surgeons can optimize their field of view by changing the color temperature with a color Rendering Index (CRI) of up to 93. Studies have indicated a higher color temperature can reduce eye fatigue and improve concentration during long procedure and late night operations.

Full Spectrum Colour Rendition
Natural white light picks out all the visible colors for your eyes so you can see clearly and without eye strain.

- Easy to distinguish small differences in tissue
- All the colors are strong and vibrant
- Reduced eye strain by making the light do the work instead of the eye.

Sterile & Non Sterile Handles
The panel is designed with graphical icons to allow user to quickly learn and easily operate. The controller could be also considered as a non-sterile handle. Panel features include:

Digital Control Panel
- On/off finger touch switch
- Light intensity adjustment
- Light colour temperature adjustment

Technical Constraints

Illumination Intensity at 1mm	125000
Field size of 1m distance	17-25 cm
Color Temperature	4300 k
Working Distance	120 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	21
Temperature increase at surgeon head	1°C
Dome Head Dia	53 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

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Ceiling LED Surgical Light XN 105

For Major and Minor Surgeries in :

- Operating Rooms
- Examination Rooms

The XN 105 surgical light provides superior performance and is good for all kind of surgeries.

Color Temperature
The colour temperature for illuminating the operating fields is 4300K which help to see the various type of tissue and organs in their actual visual state.

Sterile Handle
The sterile handle is provided in the middle of dome for easy feather touch movement and for focus adjustment.

Deep Cavity Illumination
The Meditech XN 105 light generates the light beam with the constant intensity even in the cavity surgery and the effective operating range of depth is more than 40 cm

Technical Constraints

Illumination Intensity at 1mm	110000
Field size of 1m distance	17-25 cm
Color Temperature	4300 k
Working Distance	120 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	18
Temperature increase at surgeon head	1°C
Dome Head Dia	55 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

Ceiling LED Surgical Light XB 106

For Minor Surgery and as an examination light in:

1. Operating Rooms
2. Emergency Wards
3. Examination rooms

The XN 106 surgical light provides superior performance and is good for all kind of surgeries.

Color Temperature
The colour temperature for illuminating the operating fields is 4200K which help to see the various type of tissue and organs in their actual visual state.

Sterile Handle
The sterile handle in the centre of the dome for easy feather touch movement.

Deep cavity Illumination
The Meditech XN 106 light generates the light beam with the constant intensity even in the cavity surgery and the effective operating range of the depth is more than 40cm.

Technical Constraints

Illumination Intensity at 1mm	60000
Field size of 1m distance	20 cm
Color Temperature	4300 k
Working Distance	125cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	5°
Focus adjustable by sterilizable handle	No
Number of Lights Modules	6
Temperature increase at surgeon head	1°C
Dome Head Dia	40 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

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Meditech offer 2nd Generation LED Operation light, innovative thought to build up operating room with powerful illumination light for better operation. Meditech LED Operation light provides cold, shadow less and brighter light area for long surgeries, without any interruption to surgeons.

Mobile LED Surgical Light XN 4

Excellent Manoeuvrability
Easy to move on low inertia, anti static, castors. The light head is mounted on a spring – balanced arm for easy position.

Emergency Battery Backup
Located in the base, a sophisticated battery provides up to 3 hours of uninterrupted run-time in the event of power loss. The Batteries are equipped with a "quick charge" facility allowing ultra fast battery charging.

Extended Arm Reach
The unique design of the Mobile base allows the light to be manoeuvred much closer to the table without impeding the surgeon. Small and compact, the reduced footprint still offers complete stability.

Technical Constraints

Illumination Intensity at 1mm	160000
Field size of 1m distance	17-25 cm
Color Temperature	4300 K
Working Distance	120 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	28
Temperature increase at surgeon head	1°C
Dome Head Dia	60 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

Mobile LED Surgical Light XN 3

Excellent Manoeuvrability
Easy to move on low inertia, anti static, castors. The light head is mounted on a spring – balanced arm for easy position.

Emergency Battery Backup
Located in the base, a sophisticated battery provides up to 3 hours of uninterrupted run-time in the event of power loss. The Batteries are equipped with a "quick charge" facility allowing ultra fast battery charging.

Extended Arm Reach
The unique design of the Mobile base allows the light to be manoeuvred much closer to the table without impeding the surgeon. Small and compact, the reduced footprint still offers complete stability.

Technical Constraints

Illumination Intensity at 1mm	125000
Field size of 1m distance	17-25 cm
Color Temperature	4300 k
Working Distance	120 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	8°
Focus adjustable by sterilizable handle	Yes
Number of Lights Modules	21
Temperature increase at surgeon head	1°C
Dome Head Dia	53 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

Mobile LED Surgical Light XN 6

Excellent Manoeuvrability
Easy to move on low inertia, anti static, castors. The light head is mounted on a spring – balanced arm for easy position.

Emergency Battery Backup
Located in the base, a sophisticated battery provides up to 3 hours of uninterrupted run-time in the event of power loss. The Batteries are equipped with a "quick charge" facility allowing ultra fast battery charging.

Extended Arm Reach
The unique design of the Mobile base allows the light to be manoeuvred much closer to the table without impeding the surgeon. Small and compact, the reduced footprint still offers complete stability.

Technical Constraints

Illumination Intensity at 1mm	60000
Field size of 1m distance	20 cm
Color Temperature	4300 k
Working Distance	125 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	5°
Focus adjustable by sterilizable handle	No
Number of Lights Modules	6
Temperature increase at surgeon head	1°C
Dome Head Dia	40 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

Mobile LED Surgical Light XN 1

Excellent Manoeuvrability
Easy to move on low inertia, anti static, castors. The light head is mounted on a spring – balanced arm for easy position.

XN 1
This Examination light is produced with compact design for minor & ENT surgery.

Technical Constraints

Illumination Intensity at 1mm	40000
Field size of 1m distance	15 cm
Color Temperature	4300 k
Working Distance	140 cm
Color Rendering Index	93
Temperature increase in wound area at 100000 lux and 1m	3°
Focus adjustable by sterilizable handle	N/A
Number of Lights Modules	7
Temperature increase at surgeon head	N/A
Dome Head Dia	20 cm
LED Lifetime	50000 h
Light Rotation	360°
Control Unit	SMPS

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Meditech high quality **hospital furniture** / medical furniture products to offer, our products are CE marked.

(ISO 9001 : 2000 Certified) Meditech unique range of products include **electric hospital beds**, manual hospital beds, used hospital beds, adjustable hospital beds, medical hospital beds, home hospital beds, doctors hospital beds, invacare hospital beds , refurbished hospital beds, large hospital beds, beds for hospital, best hospital beds, special hospital beds, bariatric beds and other hospital beds. Meditech one of the major manufacturers of hospital furniture over the globe.

Electric Hospital Beds (MB-171)

Features
- 4pcs actuators, 1pc control box, 1pc handset
- Bed board by link of soft
- 4pcs underside occidental style bedside rails
- 4pcs central locking castors
- 4pcs urine hooks, 6pcs IV drip holes
- Optional alloy hanging rail and monkey pole
- Size:2230×1060×450/700mm

Three Crank Manual Hospital Beds (MB-167)

Features
- 3sets manual crank systems
- 4pcs underside occidental style bedside rails
- 4pcs central locking castors
- 4pcs urine hooks, 4pcs IV drip holes
- Optional alloy hanging rail
- Size:2230×1060×450/700mm

Two Crank Manual Hospital Beds (MB-165)

Features
- 2 sets manual crank systems
- 4pcs underside occidental style bedside rails
- 4pcs central locking castors
- 4pcs urine hooks, 4pcs IV drip holes
- Optional alloy hanging rail
- Size:2230×1060×500mm

Electric Hospital Beds (MB-161)

Features
- 4pcs actuators, 1pc control box, 1pc handset
- 1pair aluminum alloy bedside rails
- Luxurious double-face castors (2pcs with brake, 2pcs without brake)
- 2pcs urine hooks, 6pcs IV drip holes
- Size: 2125×1000×400/700mm

Bed Side Screen, 3-Fold & 4 – Fold

Specification

3- Fold: -
Bed Side Screen, Three Fold, Tubular pipe framework, Removable Feet.
Powders coated finish 244cm L x 165 cm H., when opened &
120 cm L 165cm, when closed.

4 – Fold: -
Bed, Side Screen Four Fold. Tubular pipe framework, Removable Feet, Powder
coated finish 244cm L x 165 cm H., when opened & 60 cm L 165cmcm, when
closed.

Foot Step: Single/Double

- Single: - Size: (50L x 25W x 20 H) cms
- Double: - Size: (50L x 40W x 46 H) cms

Hospital S.S. Ware

We are offering range of steel hospital hollowware made with high class stainless steel made for hospitals and clinic uses. These trays and bowls are durable and corrosion free. These are often utilized in various health care establishments during surgeries for holding tools and related items, this available in different sizes.

Our range includes:
- Surgery Tray
- Kidney Tray
- Wash Basin
- Lotion Bowls
- Gallipot
- Sputum Mug
- Bedpans (Male /Female)
- Urinal (Male/Female)

Feeding cup, Measurement jar, Forceps Jar, Thermometer Jar, Dustbin Steel

Flat Bed (MB-145)

Features

- 2sets manual crank systems
- 1pair aluminum alloy bedside rails
- 5" universal castors (2pcs with brake, 2pcs without brake)
- 2pcs urine hooks, 6pcs IV drip holes, 1pc oddment hook
- Size:2125×1000×500mm

Drip Chair (MZ - 05)

Features
- Both sitting and laying positions
- Rexene material
- High dense sponge
- Device: 1Pc oddment basket
- Size: 1100×690×1200mm
- Extensible length 1700mm

Abs Beside Cabinet (MZ01)

Features
- Size: 480 X 480 X 820mm
- 2 Pcs towel stands
- 4 Pcs oddment hooks
- 2pcs urine hooks, 6pcs IV drip holes
- 1 Pc water bottle stand

Aluminum Alloy Beside Cabinet (MZ02)

Features
- Aluminum alloy framework
- Fireproof board
- Size: 500 X 500 X 725mm

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Instrument Trolley

Features
- Size: 660 x 440 x 870mm
- Fully Stainless Steel
- Three Shelves

Saline Stand/ IV Stand

Four / Five legged base; Tubular Pipe stand with stainless steel hook rod, adjustable from 180 cm to 272 cm. Mounted on castor wheels. Supplied with M.S. / S.S. / PU Base

Over Bed Table

Features
- Size: 795 x 400 x 700/960mm
- CRCA Steel, Epoxy Powder Coated
- Laminated Top
- Height Adjustable

Contact US

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