

**Exhibition
Zdravookhraneniye-
2006 Results**

**ZDRAVOOKHRANENIYE'06
Health of the nation is in the
forefront**

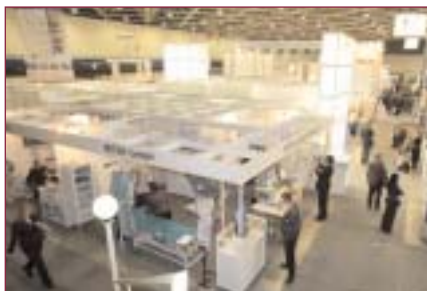
The 16th International Exhibition of Health Care, Medical Engineering and Pharmaceuticals –

Zdravookhraneniye'2006 was held at Expocentr Fairgrounds from December 4 through 8. The Exhibition launched in 1974 is one of Expocentr's high-priority trade fairs. It carries a sign of the Russian Union of Exhibitions and Fairs (RUEF) and a label of the Global Association of the Exhibition Industry (UFI).



The event is held with support and assistance from the Health Care and Social Development Ministry of the Russian Federation, the Federal Agency for Healthcare and Social Development, the Russian Academy of Medical Sciences and the Government of Moscow. It is held under the patronage of the Chamber of Commerce and Industry of the Russian Federation. The Exhibition is held as a part of the Federal Program of Medical Service Improvement in Russia.

Starting from 2006, the Exhibition has been held within the framework of the Russian Week of Health Care giving the event a status of the Russian Nationwide Project. A special attention was given to the Health of the Nation National Project. The Exhibition summed up the results of the first-year and one of the most important national programmes. The Russian Week of Health Care that included various thematic events covered all aspects of contemporary medicine and domestic health care reforms. The growth dynamics of the Exhibition confirms its importance, social significance and rising prestige among Russian and foreign representatives of companies engaged in production and sale of medical products. The Zdravookhraneniye Exhibition became an effective business ground for commercial talks and professional exchange of information among its visitors including heads of companies and enterprises which produced pharmaceuticals and medical application goods, stuff of research centers and medical



institutes, as well as general practitioners. The Zdravookhraneniye'2006 Exhibition welcomed 927 companies from Europe, Asia and America. The event was attended by 20,658 visitors, 18,138 of whom were professionals.

Out of 38 participating countries, Russia arranged the largest exposition. This year more than 640 Russian companies, enterprises and organisations demonstrated their products. Among them were Riazanskiy Priborniy Zavod, Elatomskiy Priborniy Zavod, OOO IMEDIS – Center of Intellectual Medical Systems, OOO In Vitro, OOO Interlabservice, FGUP Kasimovskiy Priborniy Zavod, ZAO Miasskiy Zavod Meditsinskogo Oborudovaniya, OOO Mozhaiskiy Medico-Instrumentalniy Zavod, Novkiye Meditsinskiye Technologii, OAO Kazakov Perviy Moskovskiy Priborostroitelniy Zavod, OOO Stamo and others.

Foreign exhibitors included such well-known companies as Philips Medizinsysteme Boblingen GmbH, Siemens AG (Germany), Beckman Coulter International S.A. (Switzerland), Aloka Ko Ltd., Iskra Medical Corp., Konika Minolta Medical & Grafic Inc., Nisso Boeki Co., Ltd., Tokio Boeki Ltd. (Japan) and many others.

The Zdravookhraneniye'2006 Exhibition occupied more than 18,000 sq m. The topic area of the event was broad. This year the trade fair included not only traditional Salons such as Medical Engineering, X-ray Equipment and Diagnostics, Pharmaceuticals and Food Supplements, Pharmtech, but also new ones: Moscow Dental Show – Stomatology and Rehabilitation: New Equipment and Technologies held at the new Pavilion # 8. The Exhibition was accompanied by a saturated business programme. Results of the first-year of the Health of the Nation National Project were discussed at seminars, conferences and round tables. The Chamber of Commerce and Industry of Moscow organised a round table where issues of interaction between social structures and authorities were discussed within the framework of the National Health Care Project.

The large-scale Stomatology'2006 Annual Scientific Forum became a key event of the exhibition where specialists of the leading clinics of Moscow and other cities of Russia presented their latest developments in maxillofacial surgery, operative dentistry, orthodontics and other trends in

contemporary stomatology. Organisers of the Forum were the Federal Agency for Healthcare and Social Development, the Federal State Institute CNIIS Roszdrav with participation of the Moscow Department of Healthcare and other educational institutions of Russia. Specialists of the leading clinics of Moscow, Novosibirsk, Kazan, Samara, Nizhniy Novgorod and other cities of Russia participated in the Forum.



The Extension of Cooperation in Health Care and Medical Services of EurAzEs Member-States International Conference was held within the framework of scientific and practical events. Reports on issues of the pharmaceutical markets harmonization within the framework of EurAzEs, main trends in the private health care development in EurAzEs member-states,



creation of joint biopharmaceutical production in EurAzEs were made at the conference. The Man and Health: Application of Biocorrectors scientific and practical conference and the Latest Technologies in Protection of Pharmaceuticals and Dietary Supplements against Falsification symposium were held at the event. The Russian State Medical University organised the Prevention and Treatment of Children's Flu symposium within the framework of the Healthy Child to Moscow, Russia, the Whole World project. Partnering Day – Telemedicine in Germany and Russia was held with success. The Federal Agency for Physical Training and Sport and Expocalber, S.A. conducted the Functional Food and Traumatology seminar. Presentations of new products and seminars on topical problems faced by contemporary medicine were also held within the framework of the Exhibition.

**The next
Zdravookhraneniye'2007
International Exhibition will be
held from December 5 through
9, 2007 at Expocentr
Fairgrounds.**

Dmed® iris
The light-intensive examination lamp

In intensive care stations, doctor's surgeries, examination rooms, casualty departments and pre-surgical areas alike, the new examination lamp can provide intensive high-precision light for local lighting in working areas. Simple, user-friendly, safe and with outstanding lighting quality, the new Dmed® iris can support doctors or medical specialists when carrying out complex examinations, treatments and diagnoses.

Light-intensive. The combination of a high-



quality 50W IRC halogen lamp with a custom-designed reflector system creates a high-precision, colour-accurate, homogeneous and neutral-white light of 45'000 lux at 0.8 m. Its light intensity can be set to 60 or 100% using the built-in 2-stage switch. Handy. The spring-balanced articulated arm system and the easy-grip handle running around the lamp make the lamp easy and convenient to use. The 2-axis suspension system means that the lamp can be positioned precisely and its alignment adjusted flexibly to meet requirements. Compact. The Dmed® iris is available in ceiling-mounted, wall-mounted or free-standing versions, making it ideal for use in any type of room.

E-mail: mailbox@derungslicht.com

Fax: +41 71 388 11 77

Dcare® medicool
The functional care and reading lamp

The Dcare® medicool combines a high-quality care and reading lamp with a design developed specifically to meet the safety, quality and functional requirements in the medical sector.

Its efficient anti-glare and reflector technology enables the Dcare® medicool to generate a pleasant, glare-free yet very bright light for medical personnel and those in their care. It is fitted with an energy-saving 13 W compact fluorescent lamp and is also ideal for use as an examination lamp in the care sector. The high light intensity is juxtaposed with very low power



consumption, which is further optimised by an electronic ballast. The lamp head, can be rotated through 270° and the built-in handle means that it couldn't be easier to use. The switch for the Dcare® medicool is also built into the lamp head. The luminous strips inside the switch make it easy to find at night. For safety reasons, the Dcare® medicool features a cover screens to protect patients against accidental contact with the lamp.

Controlled heat flux minimises heat generation on the body of the lamp and reduces the thermal load on the area lit.

The flexible or spring-balanced arm with enclosed cabling makes the lamp easy to position. The lamp can be located at will thanks to a variety of compatible brackets and fixing systems.

E-mail: mailbox@derungslicht.com

Fax: +41 71 388 11 77

Dlite® vanera corridor ceiling lights / Dlite® vanera corridor wall lights

Corridors must have good, even lighting so that visitors, residents, and staff can find their way around quickly and safely. Our lights are especially manufactured to improve and support a person's quality of life.



Putting things in motion Corridors are meeting rooms and thoroughfares. Particularly in winter or in bad weather, corridors often offer the only opportunity to move around. Through its innovative light control (light on the ceiling, on the walls, and then on the floor) Dlite® vanera fulfils

all important criteria for optimal corridor illumination - sufficient lighting intensity, freedom from glare, freedom from shadows and reflections on the floor. Residents and staff feel safe, are able to find their own way around, and the risk of falls can be prevented to a large extent.

The unobtrusive. Simply elegant lighting! The light recedes discreetly into the background and leaves room for architecture. Backing up. Walls that are bright appear to widen narrow hallways, while indirect light on the ceiling makes it look more inviting and seem freer. Fluorescent tubes and electronic ballasts (EVGs), as used by the Dlite® vanera, improve the energy balance. Maximal safety as a result of tests according to EN 60598-1, EN 60598-2-1, EN 60598-2-25.

E-mail: mailbox@derungslicht.com

Fax: +41 71 388 11 77

Log on:
www.hospital-technology.com
 for the latest in Healthcare

The New Body Composition Monitor from Omron Detects Dangerous Deposits of Fat by Means of 8-sensor Measurement

It goes without saying that one of today's most serious problems, Obesity, is becoming ever more widespread. The term metabolic syndrome has become an essential part of our modern-day vocabulary. Its main symptom is excess weight: in particular the internal abdominal fat (visceral fat) (men abdominal diameter > 94 cm and women >80 cm) is cause for concern. For a diagnosis of the metabolic



syndrome, however, at least two of the three symptoms from the list below are required in addition to excess weight:

- Impaired fat metabolism (elevated levels of bad LDL cholesterol, insufficient good HDL cholesterol, elevated levels of triglycerides and elevated total cholesterol)
 - Hypertension (blood pressure exceeds 130/85 mmHg)
 - Impaired glucose metabolism or previously diagnosed type 2 diabetes
- Those who are interested in gaining a reliable overview of their body composition can now use the Omron BF500 body

composition monitor to determine their exact weight, the percentage of their body fat, skeletal muscle and internal abdominal fat. In contrast to many other body fat scales, this body composition monitor uses eight sensors to accurately measure the body composition.

The BF500 also calculates the individual basal metabolic rate. This value indicates the body's consumption of calories when resting, i.e. the amount the body needs to maintain its basic functions.

With the new body composition monitor, Omron has proved that it is possible to combine professional functionality and easy handling even for private use. Last but not least, the stylish Omron BF500 aluminium monitor features a smart design and a high-quality finish.

E-mail: helen.demeny@eu.omron.com
 Fax: +31 20 354 8201

The New Omron CompAIR Compressor Nebulisers

The new CompAIR nebulisers are simple to operate and give you control over your drug inhalation therapy. The combination of a powerful compressor with the unique V.V.T. (Virtual Valve Technology) leads to more medication that is atomised into fine particles. More particles effectively reach the lower



respiratory tracts, resulting in better medication compliance. The low particle size (MMAD approx. 3.0µm) even enhances the amount of drug that is delivered to the lungs.

V.V.T.'s unique design also means that there are fewer parts to lose, less parts to clean. The new compressor range comes as a

family, the CompAIR as a basic desktop nebuliser, compact and easy to use, the CompAIR Pro for homecare and hospital use with a convenient storage area and the small portable CompAIR Elite, provided in a bag for use in a car, caravan, boat, train or plane. The genuine Omron Quality inside the CompAIR compressors is not only reflected in the 3 years guarantee, but also in the easy maintenance and the higher hygiene provided. All in all the CompAIR range is designed to make inhalation user friendly, effective and available anywhere at anytime.

E-mail: helen.demeny@eu.omron.com
 Fax: +31 20 354 8201

Morning Hypertension Easily Monitored

The Omron M10-IT is a fully automatic upper arm blood pressure monitor with a unique monitoring system. The memory can be set for single or averaging of morning and evening measurements. Many patients show their highest blood pressure in the morning. This "morning surge" goes parallel with higher rates of stroke and heart attacks. As many hypertensives also have



strong arms, the preformed Comfort Cuff™ fits all arm sizes between 22 and 42 cm. As

the M10-IT's name indicates, it also has IT capabilities. Included with this medical device is the tracking software and an USB cable. The M10-IT also allows has a memory function that keeps 2 persons measurements separate, this means that instead of having 2 separate devices, a simple switch from User A to User B places the tracking automatically with the correct user. Last not least, with the Automode, 3 consecutive measure-ments can be taken automatically.

E-mail: helen.demeny@eu.omron.com
 Fax +31 20 354 8201

Easy measurement with Omron's SpotArm™ Blood Pressure Monitors

The Omron i-Q132 and i-Q142 are fully automatic upper arm blood pressure monitors with a unique automatic cuff wrapping system. Many patients have difficulty wrapping a normal cuff. By simply inserting the arm in the cuff and supporting it with the arm rest, the patient

can be ensured that the cuff is placed correct each and every time he measures. The i-Q132 fits small and medium arm circumferences (17-32 cm), while the i-Q142 fits medium to large arms (22-42 cm). Both monitors memory can be set for single or averaging of morning and evening measurements. Many patients show their highest blood pressure in the morning. This "morning surge" goes parallel with higher rates of stroke and heart attacks. The memory function also allows that 2 persons measurements stay separate, this means that instead of having 2 separate devices, a simple switch from User A to User B places



the tracking automatically with the correct user. The i-Q142 also has an optional printer and PC software for easier tracking capability.
 E-mail: helen.demeny@eu.omron.com
 Fax: +31 20 354 8201

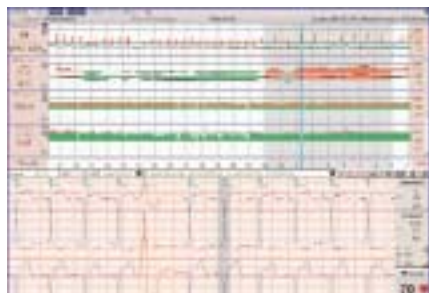
Holter Systems and Stress Testing ECG Systems from Labtech

Labtech Ltd. is an innovating Hungarian company established in 1990, developing and manufacturing long term ambulatory ECGs (Holters), Resting and Stress Test Systems. Our user-friendly products are easy to wear, battery operated, made with the newest up-to-date technology, building a perfect system with a Windows based computer and/or network.

The high quality and the clients' satisfaction are guaranteed by our quality assurance certifications: ISO 9001/ ISO 13485/ EN 46001. All our products are CE marked according to relevant EU Medical Devices Directive 93/42/EEC.

Our activity focuses on two product lines:

The Holter Systems operate in a common integrated analysis software, which provides network operation, with integrated database for the whole product family: the PC based EC-ABP Ambulatory blood pressure System, the EC-2H, EC-3H, two and three channel ECG Holter Systems and the EC-3H/ABP combined Ambulatory Holter System with built in oscillatory ABP. The universal analysis SW provides full disclosure ECG recordings on independent channels with a precise automatic QRS and



PM detection, template and rhythm analysis, QRS classification, efficient ST, QT, AF, PM, HRV time and frequency based analysis with colour coded display and printing with interactive modification possibilities in the automatic analysis. The interpretation is available in several languages. The export-import and archiving option of the recordings is available.

The Combined EC-3H/ABP diagnostic ECG Holter System with built in ABP is a unique product on the market. It is the perfect combination of the oscillatory ambulatory blood pressure and a real full disclosure ECG Holter monitoring technique. For more efficiency these automatic evaluations can be interactively modified by the user. The interpretation of the results – both on the screen and printed

material- are aided by the colour coded graphs and tables. This user-friendly product is small and light, battery operated, made with the newest up-to-date technology, building a perfect system with a PC- based computer.

The Resting and Stress Test ECG Systems operate under a common integrated analysis software, which provides network operation, with integrated database for the whole product family: EC-12R resting ECG, EC-12R/S Resting and Stress ECG



and EC-12S Stress Test ECG with built in blood pressure monitor. The universal analysis SW provides ECG recordings on 12 simultaneous channels with a precise automatic QRS detection, efficient ST and arrhythmia analysis with colour coded display and printing in several languages. The export-import and archiving option of the recordings is available.

The EC-12S Stress Test System provides you with a 3/6/12 channel ECG and blood pressure monitor, so it is an ideal device for the execution of diagnostic exercise testing. The whole examination is underlain by continuous monitoring, underlain by multi level event monitoring and alarming and the possibility of setting the load to the desired level. The EC-12S offers you the continuous evaluation by performing high precision ST and rhythm analysis and by the automatic monitoring of HR, BP, MET and other trends.

This easy- to-use program helps to create all desired results. The interpretation of the results – both on the screen and printed material- are aided by the colour coded graphs and tables. This user-friendly product is small and light, battery operated, made with the newest up-to-date technology, building a perfect system with a PC- based computer and Bluetooth connection. Labtech is providing a well-balanced portfolio of innovative and market oriented products. Based on our years of experience, we provide high quality products related to medical diagnostics. Our aim is to produce medical equipment that improves patient care and goes some way to improving patient outcomes.

E-mail: medical@labtech.hu

Fax: +36 52 412 023

FOX A Powerful Pocket Size Laser

A new laser from A.R.C. opens new possibilities. The FOX laser is compact, ready to use quickly, is driven by battery power and has many innovative new developments. The laser is inexpensive and fulfils all specifications of diode laser applications.

For Ophthalmology it is available with 810 nm wavelength for endo-coagulation and for cyclophoto-coagulation.

Also for dental applications the laser can be delivered with 810 nm and up to 6 Watt power.

With 980 nm wavelength and more than 9 Watt power the FOX laser can be used for a big range of surgical interventions.

In ENT most of all laser treatments can be done with special hand pieces and bare fibres from 200 to 600 micron.

For dermatology and phlebology we deliver focusing hand pieces for trans dermal coagulation and complete sterile packages for endovascular coagulation.



For all applications in the field of the Low Level Laser Therapy the FOX laser is an ideal device; strong, mobile, battery driven and inexpensive.

For veterinary use the system offers good surgical and haemostasis performance for fast healing at many surgical interventions. Less pain, reduced bleeding, higher postoperative comfort and quicker wound healing are advantages of the laser use for the patient and surgeon. The FOX laser has only 1.2 kg weight and is very much suited for mobile use. Different accessories and a complete small suitcase complete each package for each kind of application field.

E-mail: info@arclaser.de

Fax: +49 911 21779 99

www.hospital-technology.com

Please visit our comprehensive web site for the hospital industry

-Manufacturers and Suppliers - Latest Product Showcase - Exhibitions and Conferences Worldwide

Intraventricular Neuroendoscopy From Rudolf Medical

The ventricular system as a preformed intracranial space is predestined for neuroendoscopic interventions. Obstructive hydrocephalus, intracranial cysts and intraventricular tumours are typical pathologies which can be diagnosed and cured using neuroendoscopical techniques. Occlusive hydrocephalus can be caused by congenital aqueduct stenosis, cystic or solid intra- and periventricular space occupying lesions or haematoma. Conventional therapy is the placement of a CSF-shunt system. To avoid complications like shunt dysfunction, over-drainage or slit ventricle syndrome neuroendoscopic interventions with so-called "inner shunting techniques" such as Endoscopic Third Ventriculostomy (ETV), cysto-ventriculostomy and cysto-ventriculo-cisternostomy have recently been used with good results.

Rudolf Ventriculoscope



Rudolf Medical's Research & Development Department.

ETV is the method of choice in the treatment of occlusive hydrocephalus. As patients suffering of a sudden occlusive hydrocephalus require immediate attention neurosurgeons in many countries are now being trained to perform ETV in the Emergency Departments. ETV is therefore going to be a standard procedure.

Rudolf Medical GmbH + Co. KG has always been at the pulse of modern surgery. Rudolf's latest technical innovation is the Endoscopic Set for ETV, which has specially been developed for this operation technique by Rudolf Medical's Research & Development Department.

The Rudolf ETV Set is very simple, yet it combines ease of use with unsurpassed picture quality and high technology which offer the surgeon high precision and safety when performing the operation.

Email: mail@rudolf-med.com

Fax: +49 7463 99 56 56

BlueBP-05 Ambulatory Blood Pressure Monitor

Meditech Ltd. introduces BlueBP-05, a lightweight Bluetooth-enabled ambulatory blood pressure monitor as its latest innovation. We have been producing PC-based cardiovascular diagnostic systems since 1990. Our core product is the internationally recognized ABPM-04, but we have been manufacturing synchronized BP/ECG monitors and ECG event recorders as well. Our new development, the BlueBP-05 with Bluetooth technology combines the proved quality and the latest solutions, and it offers the possibility to eliminate the data transmission cable. The device is adjusted to the patient's comfortability, as its large LCD screen ensures easy readability and special day/night buttons help to differentiate between the active and passive periods. Programming the device and downloading data can be done by a PC using Bluetooth technology. BlueBP-05 can make measurements up to a period of 2 days, and



store the readings for an unlimited length of time. Our development enables the doctor to download the blood pressure wirelessly, while the patient's freer movement is also ensured. A user-friendly software makes the analysis of the collected data easier, as it provides comprehensive presentation and reporting functions. This integrated solution is also adaptable for most of the Meditech devices, facilitating the handling of the patient database. Quality, safety and reliability of the product are demonstrated by its CE mark. The accuracy of the algorithm used in BlueBP-05 has been validated to the BHS and AAMI criteria.

Fax: +36 1 282 9388

E-mail: meditech@meditech.eu

Burdick Brand Electrocardiographs

Burdick brand ECGs have been leading the primary care market for over 50 years. An integral part of the Cardiac Science Corporation family, the Burdick product line also includes cutting-edge PC-based diagnostics, exercise stress systems, Holter systems, defibrillators, ambulatory blood pressure monitors, spirometers and pulse oximeters.

Burdick Atria™ ECGs

Our Atria model ECGs offer cutting-edge technology by combining the convenience of a traditional ECG with the flexibility of digital communications.

Burdick Atria 3100



Compact, simple to use

- 3, 4 or 6-channel, 12-lead ECG tracings
- Easy-to-use keyboard, menu driven interface
- Most popular ECG in the physicians' office

Burdick Atria 6100



Hospital grade performance at a physician's office price point

- Large, full colour preview screen
- Continuous waveform viewing
- Interpretation based on five criteria

E-mail: info@cardiacscience.com

Fax: + 1 425 402 2001

www.hospital-technology.com

- Manufacturers and Suppliers
- Latest Product Showcase
- Exhibitions and Conferences Worldwide
- Hospital Links Worldwide

Cardiac Stress Testing

The Quinton brand has been a leader in stress testing for over 40 years. Its innovation goes back to its founder. In 1953 Wayne Quinton partnered with Dr. R. Bruce of the University of Washington in Seattle, Washington, to pioneer a clinical protocol that enabled consistent and repeatable cardiac testing at an elevated heart rate. Quinton invented the first treadmill expressly designed for this application, and the "Bruce Protocol" for cardiac stress testing remains the preferred methodology today.

Quinton Q-Stress

High-performance, hospital-grade testing



Q-Stress, the eighth generation Quinton stress system, takes cardiac exercise testing to a new level of performance. With our 40+ years of technical and clinical leadership, we've tailored Q-Stress to offer extensive customisation designed to meet your needs.

- Latest software enhancements include: risk scoring, full disclosure, procedure re-analysis, freeze frame.

- Clinical capabilities include: ECG full disclosure and archive, in-test ECG review, automated patient risk-scoring, dynamic ST display, ectopic beat capture.

- Advanced connectivity alternatives
- Ease-of-use via simple controls and lists, efficient reporting, automated record export, customisation, and a Windows-based environment

- Interfaces to the TM 55/65 treadmills

E-mail: info@cardiacscience.com

Fax: +1 425 402 2001

Fetal Monitors from Ultrasound Technologies

Fetal Doppler Range

The UltraTec PD1 is a small, lightweight, high sensitivity pocket Doppler. Its 2MHz fetal Doppler probe is ideal for use by General Practitioner or Midwife for routine antenatal fetal detection.



The fetal signal is available to the user via the built in loudspeaker or optional headset with output level controlled by edge mounted volume control.

The fetal signals are easily located using the lightweight narrow beam transducer while internal signal processing minimises the noise artifacts. The unit is powered by a standard 9V battery which provides over 9 hours of use. The PD1 meets all current EEC standards for medical equipment.

Fetal Monitors

The fetatrack 310 offers continuous antenatal fetal monitoring in the antenatal clinic or delivery suite.



Weighing around 6Kg the fetatrack 310 is a truly portable unit.

The fetatrack 310 has all the necessary facilities for accurate antenatal fetal assessment in one cost effective and compact unit.

Twin fetal heart rate ultrasound channels are standard on the 310 along with the external toco transducer and hand held event marker providing means of patient indicated fetal movement.

Simple to operate the 310 is designed with controls that are easy to learn and understand, the display is large and back lit for low light environments. Operators can be assured that they are getting the best, reliable signals and there is a distinctive alarm which warns when heart rate is out of

range. There is no loss of data when the paper runs out as the unit will store the traces until a new pack is installed.

The fetatrack 360 offers continuous monitoring of fetal and maternal heart rate throughout the last trimester of pregnancy to the baby's first moments of life.

The fetatrack 360 has all the necessary facilities for accurate fetal assessment in one cost effective and compact unit.

Twin fetal heart rate ultrasound channels are standard on both models with the 360i adding direct fetal ecg and maternal heart



rate as well as intrauterine pressure. An option on both units is maternal pulse oximetry, allowing the measurement of blood oxygen perfusion in the mother.

All fetatrack products are supplied with a standard 3 year warranty lowering the cost of ownership and with over 20 years of supplying fetal monitors you can be assured that any problem your fetatrack unit will encounter over its lifetime will be fixed quickly and reliably.

Ultrasound Guided Puncture of Central Veins

Blind puncturing of central veins occasionally leads to complications such as arterial puncture, pneumo-thorax or hemo-thorax.

Sonoguide 2 has been developed to overcome these problems and make central venous access safer, faster and easier.

Sonoguide 2 controls every step of the vascular access guiding the puncture from the skin surface

Only the Sonoguide 2 can provide the location of the vessel and allow accurate guidance to improve single pass puncture dramatically.

E-mail: sales@doppler.co.uk

Fax: +44 1291 427093



MasterScreen® PFT-Pro
All in one Diffusion
Measurement System,
Real-Time
Measurements, New
Analyser Technology

By adding new capabilities to the Viasys-Jaeger MasterScreen PFT Pro we have developed a highly reliable measurement system that is suited to do fast diagnoses of your patients. Our new powerful and rapid multi-gas analyser measures the gases real-time. This gives you the possibility to differentiate dead space from alveolar plateau gas sampling. The Intrabreath or Rebreathing Diffusion techniques can be used for patients who have shortness of breath and can not perform the standard diffusion method the correct way. Now that the norm values of the rebreathing diffusion method are published this non invasive measurement gives you an excellent indication of diffusion during normal daily activities. With the Intrabreath Diffusion method not only diffusion can be measured but at the same time the pulmonary blood flow can be assessed by looking at the disappearance curve of acetylene. As additional option NO Diffusion can be added, with this technique the Membrane and Capillary blood volume can be measured.



To expand your diagnostics capabilities the PFT Pro can be fitted with a Bodyplethsmograph or with an FRC-He option.

With the software option SQL Data Export is it possible to export all patient data to a SQL database. The new ATS/ERS guidelines are implemented in the software. In summary; with the PFT Pro you have all diffusion modalities available in one compact system.

E-mail: marketinginfo.eu@viasysch.com

Fax: +49 8311 49 72 423

FlowScreen®
A versatile All-rounder
With a Unique Touch

FlowScreen® meets your demands for more flexibility and economic workflows in the daily routine. It is the new desktop spirometer for measurement, recording and assessment of the Flow-Volume Loop, Volume- Time Loop and related parameters. For the first time, however, the portable all-rounder can be delivered with two types of flow sensors. Decide yourself whether you prefer the proven high quality JAEGER® pneumotach, or the new USS1701 Ultrasonic Sensor, which requires no volume calibration. The design - compact and ergonomically convincing. FlowScreen® convinces by its compact design and portability which make handling easy. The system is operated by a full keyboard expanded with user-friendly function keys for quick operation. FlowScreen® provides an easy-to-read, high-resolution color display. Self-



explanatory icons and the logical menu structure safely guide you through the procedures and by pressing the Info key you can view a brief description of the functions provided in the menu bar.

Features:

- All-round desktop spirometer
- Unique option: select flow meter of your preference
- Integrated color ink-jet printer
- and high-resolution color display
- Help menu with quick Quality Check feature
- PC-compatible
- Connectivity: supports various data exchange formats

E-mail: marketinginfo.eu@viasysch.com

Fax: +49 8311 49 72 423

Sunnex
MedicaLight™

For over 30 years, Sunnex has manufactured lighting products that set the standard for quality and durability. The MedicaLight™ product range offers excellent versatility and ease of use and all lights meets the needs of even the most demanding medical environments.

The MedicaLight™ product range features solutions for surgical suites, doctor's offices, healthcare centres and provides state of the art technology for specialty applications such as interventional MR.



Surgical and Procedure Lighting

Sunnex Surgical and Procedure Lighting offer high performance and flexibility. With



modular arm systems, Sunnex products allow precise, compact installation and operation and the use of the best light source technologies give our lights market-leading versatility.

Sunnex Surgical and Procedure Lighting meet all the demands and needs in areas such as ICU, NICU, Trauma, Plastic Surgery and Dermatology, Emergency Rooms and Labour Suits.

Examination and Specialty Lighting

Sunnex Examination and Specialty Procedure Lighting offer excellent performance and value. The mobile versions provide height adjustability and compact design, promoting ease of use in tight spaces. The ceiling mounted lights offer a wide variety of installation options for different ceiling heights and the wall mounted versions for space saving solutions.

MR Conditional Lighting

Sunnex innovative MR conditional lighting brings the functionality of high intensity lighting systems into the MR suite. Whether there are a new, state of the art, interventional MR suite or enhancing the lighting conditions in an existing MR facility, Sunnex MR lighting will meet every need.

Custom solutions

In many cases a light must be an integrated component on examination tables, chairs, nursing home beds, head walls, trolleys or equipment. Sunnex specialises in OEM services and has successfully developed custom solutions for more than three decades for both medical equipment manufacturers and end users.

Sunnex sales and service representatives are located in over 40 countries worldwide, with its European headquarters in Stockholm, Sweden.

All Sunnex lights are supported by an extensive three-year warranty on performance and parts, and the Company offers a lifetime customer support guarantee. Sunnex is an ISO 9001:2000 registered company.

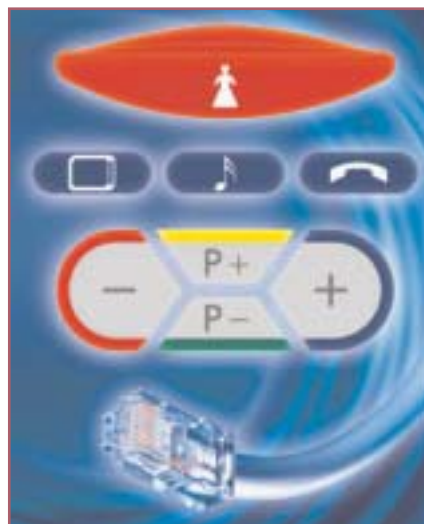
Contact information:

Fax: +46 8 546 802 59

E-mail: info@sunnex.se

VISOCALL-IP- For Seamless Hospital Communications

Perfect communications in running a hospital has nowadays attained a paramount level of importance. It has often become a matter of survival. With Schrack Seconet AG's new VISOCALL-IP communications platform for hospitals, it has been possible to create a seamless communications network between everyone, every room in the hospital and all systems.



The new system is a multimedia-capable communications platform, capable of combining several traditional functions such as a nurse call system, IP telephony handsets, smartcard billing, Intranet and Internet access, electro acoustic (ELAC) systems as well as video streaming applications in a single system. VISOCALL-IP thereby offers the highest degree of security with 100% system availability for patients on the one hand, whilst considerably facilitating daily duties in the hospital on the other.

VISOCALL-IP is a logical further development of our previous products. We want to raise the bar in hospital communications terms, and to launch a product which has even greater advantages for patients, staff members and hospital operators. As an example, a single device will be sufficient in the future to operate all technical aids, such as nurse call systems, radio, television, telephone and for controlling blinds. Furthermore, it is also possible to use laptops and multimedia terminals. "We want to offer as much convenience as possible, and thereby hope that we can improve the quality of the hospital stays of many patients, or to contribute to a speedier recovery, remarks Fisar about the system's advantages. Furthermore it is also possible to forward calls within the system via an interface to the nurses' DECT mobile phones or heart alarms to an entire resuscitation team.

Patient calls for assistance can be separated from service calls by using the service call function. The qualified nurses can then be relieved, whilst patients are still quickly and efficiently tended to. Moreover, the overall investment and maintenance costs and considerably lower in comparison to other systems. Minimal installation and fitting costs contribute among other things to the cost savings.

The whole system contains its own separate physical cable network for safety reasons, which conforms with the requirements of standard VDE0834, which takes on a structured cabling approach, with all interfaces conforming 100% with European Standard EN60950. All configuration data and log data is stored in the relevant system devices. As no centralized system control is necessary, a complete system failure can also not occur. The system components are self-monitoring. In the event that a module fails, its failure is automatically recognised and messages forwarded to the relevant technician via system interfaces to the DECT server or the alarm server.



With innovations that make such a technological leap, the topic of compatibility is a primary concern for many operators. "The system was designed especially so that the entire building does not need to be fitted with it in a single fell swoop," Fisar explains. All wards which have previously been fitted out with VISOCALL PLUS and VISOCALL MP2 nurse call systems can be fully integrated into this new IP-based communications platform, without have to disrupt the system's ongoing operation. Even the current room TV sets, as long as they are still in working order, can continue to be used in system on offer. For those who place particular value on modern equipment, there are alternatives involving tube-based TVs as well as flat screen TVs available for use in rooms. "The twelve inch screens of the patient TV terminals or so-called Multimedia Terminals, allow patients to surf the Internet," remarks Fisar about the system's highlights.

Fax: +00 43 1 811 57 100

E-mail: r.seilerbeck@schrack-seconet.com

www.hospital-technology.com

Please visit our

comprehensive web site for the hospital industry where all your information needs could be met.

- Manufacturers and Suppliers

- Latest Product Showcase

- Exhibitions and

Conferences Worldwide

Mega Power™ Electrosurgical Generator

The confusion and frustration associated with electrosurgical generators are now a thing of the past with the availability of Megadyne's Mega Power™ Electrosurgical Generator. Easy set up, intuitive use, and provides the consistent and flawless performance electrosurgery demands.

The Mega Power™ Electrosurgical Generator is designed for its simple elegance. It features large, easy to read displays and is safe, flexible and easy to operate. It is driven by Constant Control Technology that automatically monitors tissue impedance and adjusts power to reduce tissue damage and drag. The result is a smooth, clean, accurate cutting effect at the lowest possible settings for maximum patient safety.



- Features of the Mega Power include:
- 2 Cut Modes, 1 Blend Mode, 2 Coag modes and Bipolar all in one unit.
 - Maximum Power of 300 watts Cut, 120 watts Coag, and 80 watts bipolar
 - Large displays that are easy to read, even from a distance;
 - Previous power setting and mode recall and quick scroll for power adjustments;
 - Two-year warranty

With Mega Power, Megadyne is a full line electrosurgery provider, offering the latest technology in everything from a generator to electrosurgical pencils and return electrodes. For more information visit megadyne.com or call 1-801-576-9669.

E-mail: wchappell@megadyne.com

Fax:+1 801 576 9698

Responsible Non-Stick Laparoscopic Electrodes Feature Safety Indicator Shafts

Two-Layer, Colour-Coded Insulation Alert Protects Against Stray Electrical Current

Once again, Megadyne has applied their innovative design and technology to Laparoscopic surgery. The results are the E-Z Clean® Responsible Laparoscopic Electrodes - featuring Disposable E-Z Clean MegaTIPS® and Reusable Indicator Shafts®. E-Z Clean Responsible Laparoscopic instruments provide excellent dissection and coagulation for a variety of laparoscopic applications, rendering surgical procedures cleaner, faster and safer. Disposable MegaTIPS come in a variety of configurations including Curved Blade, L-Hook, J-Hook, L-Wire and Modified versions. E-Z Clean MegaTIPS easily attach to reusable Indicator Shafts providing a new tip for every case. Rotating the tip or shaft



clockwise until finger-tight ensures that a complete and safe electrical connection has been made, while a unique shaft-key secures the tip such that it will not twist or turn. The Reusable Indicator Shaft provides the cost savings of a reusable shaft with the safety of the indicator technology. If there is a hole in the outer insulation the underlying yellow safety insulation shows the hole, indicating that the electrode has been damaged and needs to be replaced. This simple technology helps prevent hazardous alternate site burns.

E-mail:

[wchappell@](mailto:wchappell@megadyne.com)

megadyne.com

Fax:+1 801 576 9698

Mega Soft® Reusable Patient Return Electrode

The Future of Electrosurgery is Here Today. Instead of a small peel-and-stick disposable electrodes that make contact with only a limited area of the patient's body, the reusable Mega Soft® is a large pad extending the length and width of an adult patient's torso, ensuring full and safe electrical patient contact to minimise resistance and eliminate heat build-up. Prior to surgery the reusable pad is set on the operating room table and covered with a linen sheet. The patient simply lies on the MEGA Soft pad to achieve full and safe electrical patient contact. The pad also reduces pressure, shear, and friction to help protect against the formation of Decubitus Ulcers. The Mega Soft pad is easier for

surgical staff to use and provides patient comfort. Even if the patient is in contact with only a small portion of the pad, safety prevails because the unique pad design is a current limiting device - in short, the MEGA Soft is the guardian of electrosurgical patient safety. In fact over 20 Million electrosurgical procedures have been performed using the Mega Soft with no pad site burns!

E-mail: wchappell@megadyne.com

Fax:+1 801 576 9698



A New TLD from the Health Protection Agency

The Health Protection Agency's Radiation Protection Division (HPA RPD) – formerly the National Radiological Protection Board (NRPB) introduced a new body TLD for personal dosimetry. The change has been made partly to maintain the service, with old TLD cards and readers being replaced, and partly to take advantage of the more sensitive TLD materials now available. As well as having a higher sensitivity, the new dosimeter also provides

a response which is less dependent on radiation energy. The dosimeter has been successfully type-tested against international standards and has given excellent results in performance tests.

The introduction of the new dosimeter follows the successful introduction of new extremity dosimeters earlier in the year, and will also see the closure, after many years of operation, of HPA's film badge service.

Fax: +44 (0) 1235 822820

E-mail: personaldosimetry@hpa.org.uk

Log on:

www.hospital-technology.com
for the latest in Healthcare

BOWA- TissueSeal® and Ligator® Vascular Sealing with ARC 350L

Permanent sealing of veins, arteries and bunched tissue with ARC 350L and TissueSeal® or Ligator®

Choose the most efficient and most suitable instrument. You can permanently seal large veins, arteries and bunched tissue using the different shaped tips. The special instruments carry the "red dot award" and are distinguished by ergonomics and practicality.



Along with ligation and standard programmes, the ARC 350L also provides numerous individually programmable memory locations.

The ARC range of generators is particularly versatile and is based on the proven ARC CONTROL system and a very fast microprocessor. Accessories from other

companies can be connected without any problems.

The ARC range of generators includes: ARC 350, ARC 350L, ARC300, ARC 300G, ARC 300e, ARC 200, ARC 200G.

All units provide argon plasma coagulation with ARC PLUS as an option.

As well as ARC generators, TissueSeal® and Ligator®, BOWA-electronic also offers a comprehensive range of accessories for electro-surgical applications. BOWA accessories are especially economic as they are reusable and can be adapted to suit all units.

E-mail: info@bowa.de

Fax: +49 (0)70 72 60 02 33

The All New BOWA ARC 200

This electro-surgical unit has a power range up to 200 W and is equipped with the well-known ARC CONTROL which regulates the power output only to the necessary minimum, irrelevant to the tissue type, cutting speed and surface.



The ARC 200 is dedicated to cope with any case in ambulatory, clinical and day surgery centres.

In combination with the Argon beamer ARC PLUS the ARC 200G is extended into a superior

HF-workstation with a reliable ignition even below 10 W. A great addition for any endoscopic tower.

E-mail: info@bowa.de

Fax: +49 (0)70 72 60 02 33

www.hospital-technology.com

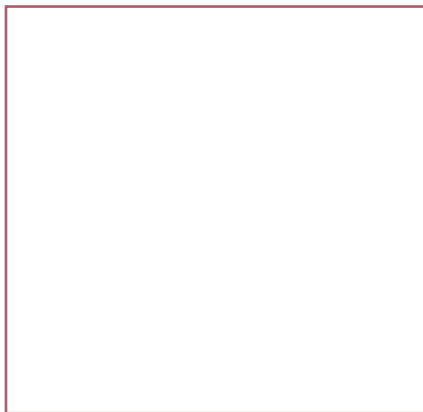
Please visit our

comprehensive web site for the hospital industry where all your information needs could be met.

- Manufacturers and Suppliers
- Latest Product Showcase
- Exhibitions and Conferences Worldwide

The Tutor MS Medical Students Teaching System

Able to teach up to fifteen students at a time, the Tutor MS utilises real-life data and sound reproduction in order to give students the most realistic learning experience in the classroom. Students may place their stethoscopes to the units' sounders in order to listen to heart, breath, and even bowel sounds that are taken from past patients. In addition, in those situations where there are more people, an Amplifier/Speaker System may be used.



With 6 different modules available for the Tutor MS, selecting the appropriate module is simple. These modules consist of:

- Basic heart sounds
- Basic murmurs
- Breath sounds
- Pediatric heart and breath sounds
- Pediatric heart sounds
- Infant heart and breath sounds

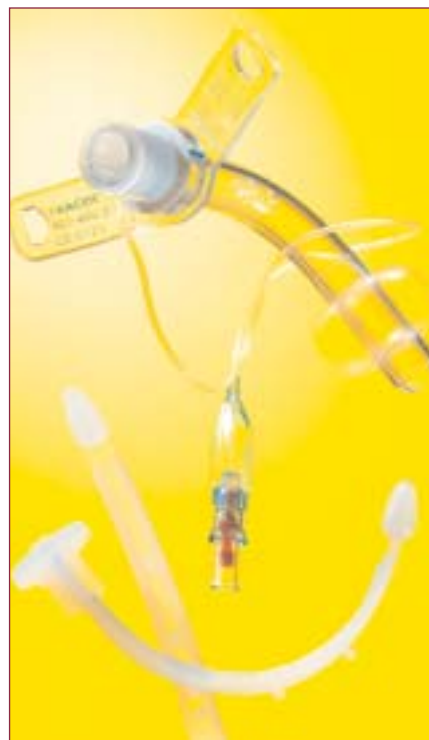
In addition to the modules, the Tutor MS has two LED's that illuminate during systole, (heart menu) and expiration, (breath menu.) When it is important to understand and recognise heart and breathe sound through a stethoscope, the Tutor MS will be able to train properly. This Tutor is virtually maintenance-free, and is powered by a 9v battery.

Tel: +1 734 568 6600

E-mail: hope@pinnacletec.com

Tracoe Pure- Range of Tracheostomy Tubes

Germany-based Tracoe medical, which has specialised in the developing and manufacturing of tracheostomy tubes and related respiratory care products, has launched a new generation of tracheostomy tubes for all clinical standard applications. Its four tube types (cuffed, uncuffed, cuffed



fenestrated, uncuffed fenestrated) are available in 11 sizes ranging from size 5 to 10 in half millimetres increments across the entire range. The new tube features genuine Tracoe features like the multiple fenestration pattern for atraumatic suctioning. Its perforated obturator allows safe insertion into the trachea via a guide wire and the rotating 15mm connector reduces torque and tension by peripheral respiratory equipment. All tubes are designed for single patient use rather than for single use to help cutting costs.

E-mail: info@tracoe.com

Fax: +49 69 665 668 10

PhySys- No Limit Physical Therapy

Zimmer MedizinSysteme GmbH, Germany launches the new generation high-end electrotherapy / ultrasound combination unit PhySys with large (12") colour touch screen. In combination with a vacuum applicator (Vaco) and a function-cart (SysCart) a no-limit system for physical therapy.



2-channel (completely independent) electrotherapy with all current wave-forms (including interferential, medium frequencies, TENS, muscle-stimulation, high voltage etc.) available at fingertip, perfectly adjustable in all vital parameters to patient and therapists requests. Multifrequency ultrasound (0.8 + 2.4MHz) for profound and superficial treatment with heads able to perform both frequencies at a time in desired ratio (SonoSwing) – a worldwide novelty – and head-integrated coupling indicator.

Perfect ease of operation with multilingual operation system on screen, operated by touch. The large display guarantees access and visibility of all necessary information.



Menu with various access to therapy – by wave form, therapy effect or by extensive indication menu with quick access by body-list.

The PhySys system enables a therapist to perform any desired form of diagnostics and therapy currently in use within the field of electrotherapy and therapeutic ultrasound, with minimum effort, easiest access and safe and stable environment.

E-mail : export@zimmer.de

Fax: +49 731 9761-299

Cryo- Precise Cooling in Therapy Without Consumables

One of the oldest methods of pain treatment and therapy of swellings and inflammations is cooling, usually done with an agent such as ice or cold water or, more modern, with cryogenic gases. In order to reach a substantial cooling effect, these agents produce a danger in themselves, as they are bound to create freeze-burns or other skin problems or are difficult in the dosage or maintenance of their cooling quality.



Cryotherapy with compressor cooled air-stream does not have these problems and as a successor to the worldwide more than 10.000 units of the previous model Cryo5, Zimmer features the new Cryo6 with higher performance and easier operation and maintenance.

This cryotherapy-system offers the therapist an all-time access to a precisely adjustable cooling quality and a perfect and safe way of application without the use or need of consumables. It works by taking in room air by a filter (maintenance by a simple vacuum cleaner) and cooling it down to -30° C with a compressor before applying it to the patient via an adjustable (9 levels) air-stream with a maximum flow of 1000l/min and a lightweight hose with variable nozzles.

E-mail : export@zimmer.de

Fax: +49 731 9761-299

Opton- A High Energy Laser System for Physical Therapy

Opton is a 4 Watt laser therapy system with continuous and pulsed application modus with outstanding performance and usability for the application in physical therapy. Pain syndromes, triggerpoints and myofascial problems are successfully treated in seconds.

4 laser-diodes at 810nm and 980nm, working parallel, and the high energy output of up to 4 Watt in continuous mode guarantee unsurpassed depth of treatment and a precise, focussed treatment area by the quality of the laser light.

Opton is a thermal laser system (Class IV) with all necessary safety features required for secure operation, such as door-interlock switch, footswitch operation, emergency stop and specified laser spectacles for patient and therapist. The immediate



positive response of the treated patient is now since years the feedback for this successful device and makes it a valuable and prized tool in therapy.

E-mail : export@zimmer.de

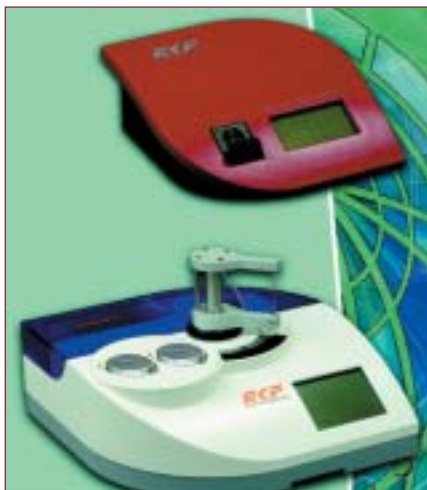
Fax: +49 731 9761-299

**Innovative Analytical
Devices for
Laboratory Diagnostics
for Use in Medical
Fields**

EKF-diagnostic GmbH develops, manufactures and distributes innovative analytical devices for laboratory diagnostics to be used in medical fields.

EKF-diagnostic GmbH was founded in 1990 under the name of EKF Industrie-Elektronik GmbH. The name EKF consists of the first three letters of the German words "development, construction and production". In 1996 the company took over its new residence in Barleben, near Magdeburg. Barleben has excellent access to major highways and is only 140 kilometres from Berlin, the capital of the Federal Republic of Germany.

In the year 2000 the company was re-named EKF-diagnostic. Currently we have over 70 employees, with growth in the number of employees expected to continue. 18 of our employees are active in research and development. Meanwhile EKF-diagnostic sales GmbH, EKF-diagnostic production GmbH, Senslab GmbH and OOO EKF-diagnostic (Russia) belong to EKF-Group. The company constantly broadened its product portfolio and strengthened its market position, yet in 2004 the product range was enlarged by the take-over of the EBIO glucose/lactate sector from Eppendorf AG Hamburg. In 2005 EKF-



diagnostic took over Senslab GmbH based in Leipzig. Senslab designed and distributed a portable measuring instrument for lactate determination. Today we are the German market leader in the field of analytical glucose, haemoglobin and lactate determination. Our company is EN ISO 9001 / 13845 certified. Our products conform to the CE norm and are licensed in accordance with specific requirements in a variety of countries.

Export is an important part of our business and counts for 60 TO 70% of our turnover. EKF-diagnostic increases its awareness level continuously by its presence at many trade exhibitions, like MEDICA, the most important one in the field of medical technology. In several countries of the world we are represented by EKF distributor's who guarantee individual customer and after-sales-service.

Aim and object of EKF-diagnostic is the

development of new innovative methods in measurement instrumentation and to derive precise applications. The main focus of the development and production lies in the sector of:

- Clinics / Hospitals
- Rehabilitation Institutions
- Nursing Homes
- Cardiovascular Centres
- Large Laboratories
- General Practices
- Olympic Centres
- Sports Medicine
- Blood Donation Centres / Blood Banks
- Dialysis Practices
- Sugar Manufacturers
- Food Industry

During development we follow the aim to use the competence of our engineers and technicians in close cooperation with our customers and end users.

Needs and function paired with technical feasibility and common sense form the basis of this development. The advantages are rapid analytical determinations, high precision and user-friendly handling combined with reduced cost per test. The analysers operate with especially for this purpose developed bio-sensors.

EKF-diagnostic's analysers are known all over the world for their accurate and cost-efficient mode of operation. Another field of activity are detection methods for alcohol abuse and SpO2 and oxygen sensors.

EKF-diagnostic offers all necessary supplies and reagents, as well as service and repair for its analysers.

E-mail: uwe.schipke@ekf-diagnostic.de

Fax: +49 (0)39203 785 24

**MEDICOR
Elektronika Zrt.
Neonatal Products**

MEDICOR Elektronika Zrt. serves the following two healthcare disciplines:

- hospital appliances (clinical infant incubators, neonatal reanimation and warming tables, blue light lamps as well as accessories for neonate treatment)

- therapeutical and diagnostic equipment and products for home use (baby-scales, apnoea-alarm, digital sphygmomanometers, TENS appliances, blood-sugar meters, digital thermometers, massage appliances and others.

The company was a part of the former MEDICOR MUVEK Company which was established about fifty years ago, it is the legal predecessor of the MEDICOR MEDACCU Subsidiary Company and of the MEDICOR Diagnosztikai Ltd.

The company has been operating as a company limited by shares since January 1st 1989.

The high quality of the company's work and products is guaranteed by continuous



development of its products as well as reliable manufacturing and strict quality control.

The company benefits from its wide-rangeing connection with its domestic and foreign suppliers. It has introduced and uses the Quality Assurance system to specification EN ISO 9001 : 2000 and the EN ISO 13485: 2003.

The Company's products meet the requirements of the directive 93/42/EEC of the EEC on medical

equipment, meeting EU standards and are audited by SGS United Kingdom Ltd.



(London, UK). They have the mark CE on them.

The products manufactured

by the company have been approved and can be sold outside of the European Union, i.e. Russia, Ukraine, Byelorussia and the Company's equipment can be found in each Hungarian hospital and in many homes in Hungary and considerable quantities can be found in the countries of the CIS, especially Russia, Ukraine, as well as in Poland, Germany, Italy, Romania, France, Austria, Slovakia and Belgium. At the same time different products were sold in South-America (Brazil, Peru), in Middle-East (Egypt, Syria, Iran) and in Africa (Libya, Algeria). Its relationship with the markets of China and India is also prosperous.

The Company conducts permanent market research for current and for future business opportunities and pays continuous attention to its domestic and foreign relationships.

The company's concept is reflected in its slogan:

MEDICOR, GROUP-The Healthy Connection

Fax:+36 1 280 6336

E-mail: medicor@medicor.hu

**EN 207- Certified
Laser Safety Plastic
Windows for Nd:YAG**

LASERVISION offers laser safety plastic windows with L protection levels for 1064nm

In addition to the certified plastic window P2008 for CO₂ lasers LASERVISION has now developed a second plastic window P2009 certified with L protection levels according to EN 207 for Nd:YAG laser applications.

So this greenish window marked with L protection levels D L5 and IR L6 at 1064nm can be used particularly for laser marking and graving applications, but also for other Nd:YAG applications with lower output power.

The thickness of 3mm and the visible light transmission of approximately 65% match the values of our OD marked material P2001. This can be thus replaced in very most cases smoothly by our new certified material P2009.

The standard dimensions are: 100x200mm², DIN A4, 300x450mm², 450x600m²,



610x915mm² and 915x1220mm². All smaller user-defined sizes as 915x1220mm² can be also realised on customer requirement. For the standard dimensions 100x200mm² and DIN A4 our practical mounting frames with changing function are available.

For further information, further inquiries or product demonstrations please don't hesitate to contact your contact person at LASERVISION. We are looking forward to your inquiries.

Fax:+49(0)911 97368 199

E-mail: info@lvg.com

**Medical Magnifier
Goggles for Laser
Applications**

LASERVISION's new ALL STAR laser safety goggle specifically designed for medical applications.



The use of medical laser systems is increasing due to the increasing number of applications requiring focussed and intense light and the decreasing cost of lasers. To ensure perfect visibility of even tiny objects – e.g. in the field of dental medicine or dermatology – LASERVISION have developed a new goggle: The ALL STAR. This new goggle will be introduced at the LASER07 – World of Photonics in Munich. The adjustable lens attachment makes the new product perfect for medical use. As an alternative to the lens attachment the goggle can be fitted with a Flip down shade filter to give protection from strong white light treatments such as IPL. These mounted accessories are securely fixed to ensure a stable and well aligned fit.

In order to maintain the same high standards of comfort the wearer would normally expect from LASERVISION eyewear, despite the increased weight of using thick filters, LASERVISION offer different wearing options. The headband was developed together with the goggle and ensures an extraordinary high level of comfort when the magnifier is assembled to the goggle.

Fax:+49(0)911 97368 199

E-mail: info@lvg.com

**Working With High
Brightness IPL-
Systems? Eye safe?**

A new generation of two-lens glasses prevents from eye damages caused by harmful High Brightness IPL radiation LASERVISION now offers a perfect remedy: ATHLETIC – a new generation of two-lens glasses against harmful high brightness IPL radiation and dazzling effects. The wrap-around-style offers optimum protection and a very wide field of vision for a perfect view. The earpieces with gripping surface guarantee a comfortable and secure fit, and the racy design makes the glasses popular safety glasses. It's available in two different levels of protection. For people wearing prescription glasses LASERVISION's very popular over-the-glasses model SKYLINE is also available with such two filters.



High Brightness IPL-Systems are penetrating more and more the medical market with many different applications. Nowadays systems with several Joules of light energy are used. On the other hand such high intensity of light, however, may also cause severe eye injuries. Major hazards are actinic damages and thermal damages. Furthermore secondary hazards, like dazzling effects that lead to temporarily restricted sight which may result in accidents, have to be taken into consideration when working with high brightness IPL systems.

Fax:+49(0)911 97368 199

E-mail: info@lvg.com

**A New Kit for
Percutaneous Dilation
Tracheostomy**

Tracoe medical, has introduced a new kit for percutaneous dilation tracheostomy, the Tracoe expc kit. It is based on the established Ciaglia technique with single step dilation. An atraumatic inserter ensures a stepless transition between the inserter and the patient end of the tube to facilitate atraumatic insertion and to minimise the



risk of injuring the trachea during tube insertion. The Tracoe twist tracheostomy

tube is preloaded on its tailor-made inserter. It comes in a separate sterile packaging included in the kit and is also separately available. This modular approach provides an economic benefit and allows further the tube with the inserter to be used for re-insertion according to the Seldinger technique and tube changes with percutaneous tracheostomas. The kits are available with cuffed unfenestrated and cuffed fenestrated Tracoe twist tubes, each in size 07, 08 and 09.

E-mail info@tracoe.com

Fax: +49 69 665 668 10

**the Moveo™ XP
An Innovative Mobile
Therapy Platform**

Chattanooga Group's most recent innovation, the Moveo™ XP, an innovative mobile therapy platform designed for the medically complex or critically involved patient that allows for the early introduction of functional weight-bearing exercise in acute and post-acute care environments.

The Moveo XP exercise platform's unique design combines the benefits of traditional tilt table standing with active weight-bearing exercise. This combination allows patients who are incapable of supporting full body weight to participate in graded weight-bearing activity at an earlier stage in their rehabilitation. As a mobile exercise platform, it is easily transported and utilised in the confines of an ICU, general patient room, and long term care centres. With a safe transfer method from bed or wheelchair, and customised mechanical patient support during exercise, the Moveo XP allows for a transition to a weight-bearing stance in a safer, more comfortable and efficient manner.

Many complications associated with deconditioning can be easily prevented when at risk patients are treated early and ambulated. The devastating complications



caused by prolonged immobility directly impact healthcare costs, and more importantly, the quality of life of the patient. In addition to the benefits offered to patients, the Moveo XP can also protect caregivers from musculoskeletal injury by eliminating the need for max assisted lifting to ambulate the patient.

The customised workout intensity lets the patient progress at tolerable levels and allows them and their therapist to see objective, incremental progress which can increase motivation and foster a sense of accomplishment.

E-mail: Debbie_Joles@chattgroup.com
Tel: +1 423 870 7281

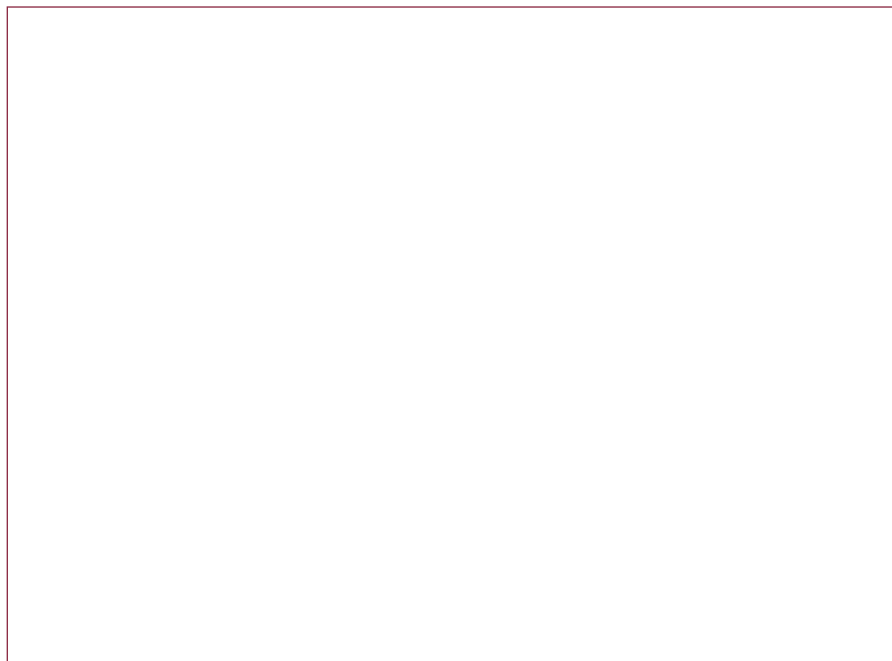
**Visualisation
Electronics and Device
Integration Equipment**

NDS Surgical Imaging (NDS) is a medical technology company with a range of products for the Digital Operating Room. NDS' vision is built upon its unique ability to supply the medical profession with technologies that enable practitioners to integrate information from many image sources, visualise a defect or condition within the body and to perform an intervention that improves the quality of care.

The Company's product lines include visualisation electronics and device integration equipment for Minimally Invasive and General Surgeries. These products deliver an advanced surgical working environment that enable surgeons and clinicians to deliver better quality patient care.

NDS products include;

- Advanced medical display products for Surgical, Radiology, Interventional and Bedside monitoring markets.
- High-end 'independent' OR overhead camera that is adaptable for all surgical lights.

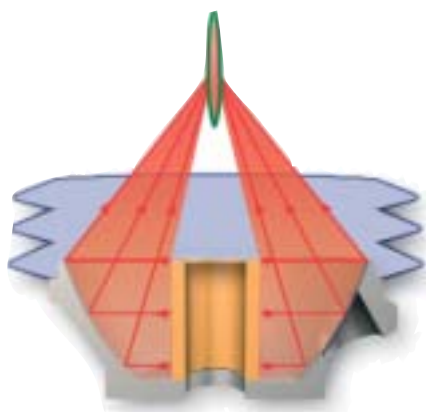


- Image capture and/or distribution for Medical documentation requirements in the OR for teaching files, patient records, etc.
- Image Streaming solutions for image distribution via standard IT networks for consultative and/or tele-surgery.
- Video routing and switching for OR integration that enable personalised and centralised control of Surgical and Medical

- devices for Surgeons and Clinicians.
 - Infection Control products include World's fastest, green-friendly hard surface disinfectants, specially packaged for the surgical environment.
 - Barrier protection for visualisation solutions at point-of-care.
- Fax: +31 (0) 180 632191
E-mail: info@ndssi.nl

STORZ MEDICAL Urological Workstations

The MODULITH® SLX-F2 is a universal urological workstation for extra-corporeal lithotripsy, endoscopic stone removal and urological diagnostics. It features the unique centralised control system StorM-Touch. The complex working environment of multiple independent endoscopic devices with spatially



distributed control panels usually require additional personal for operation. With the innovative StorM-Touch control concept all single devices are linked to a single touch screen. Even for sterile operation one user may control each device from his endourologic treatment position. The unique design of the STORZ MEDICAL cylinder source allows for extremely deep focus positions to reach even very distant stones in obese patients. Additionally, the extended diameter of the source distributes the energy at the skin-entrance level over a wide area with low energy density. This reduces pain sensation, anaesthesia requirements and simultaneously offers precise focussing with highest fragmentation efficiency. The DUAL FOCUS option



is another key feature offering for the first time the choice of different focal dimensions according to the individual anatomy of the patient. Different treatment strategies may be applied according to size, consistency and localisation of stones. Well concentrated shock wave energy to a precise focus with high pressure may break impacted ureteral stones otherwise resistant to shock wave exposure whereas lower pressure wide focus configurations may be appropriate for kidney stones moving due to extensive respiration.

MODULITH® SLK

Mobility and utmost flexibility of shock waves for stone therapy as well as orthopaedic applications is provided by the MODULITH® SLK. The device features a medium size shock wave source suspended from a freely movable and balanced articulated arm. With in-line ultrasound localisation it offers unsurpassed manoeuvrability comparable to a hand held ultrasound transducer. Individual selection of shock wave coupling to various areas of



the body and independent variation of target directions allows for optimisation of the entrance window for shock waves. Even in difficult anatomic conditions shock waves may be passed around obstacles such as bones to reach the predetermined target tissue.

The unique flexibility of the shock wave head is preserved to a great deal also in case of X-ray localisation. With the unique tracking system Lithotrack® the shock wave head may be manually guided by a computer controlled navigation procedure and no fixed mechanical coupling is required. This flexibility makes the MODULITH® SLK a real interdisciplinary shock wave device for a variety of different indications in various medical specialties. The MODULITH® SLK is the economic solution even in case of a limited number of stone treatments. It incorporates the STORZ MEDICAL proprietary shock wave technology with electromagnetic cylinder configuration which features proven excellent results.

Fax: +41 (0)71 677 45 05

E-mail: info@storzmedical.com

New and Unique MRI Examination Light

The Sunnex PF MRI Examination Light brings the functionality of high intensity lighting systems into the MRI suite. It is ideal for use in any MRI facility including imaging centers, radiology departments, and CAT/PET Scan labs. The Sunnex MRI Examination Light's adjustable jointed arm and swivel head allow for easy positioning, while its mobile caster base with easy-glide wheels provides effortless maneuverability. It has a powerful, 50W halogen light source and a weighted base for added stability. Sunnex also offers the Sunnex Celestial Star™ surgical light in an MRI compatible



version and the Celestial Star™ is offered in a ceiling and a floor based version. Ideal for use in any MRI facility, the Sunnex Celestial Star™ is lightweight and compact

in design, making it ideal for even a small facility. It has a 730 mm articulating arm, providing head to foot horizontal and vertical coverage. The Sunnex Celestial Star™ lamp head is capable of a 700° rotation, and the arm offers exceptional rotation capability of 359° from both horizontal and vertical planes.

Fax: +46 8 546 802 59

E-mail: lars.adamsson@sunnex.se

www.hospital-technology.com

Please visit our comprehensive web site for the hospital industry

- Manufacturers and Suppliers
- Latest Product Showcase
- Exhibitions and Conferences
- Worldwide
- Hospital Links Worldwide

Industrial and Electronic Products for the Healthcare Sector

Established in 2003, CLS France Group designs, develops and markets, through different distribution channels and famous brand names, Industrial Electronic Products and General Public Products of high technology. Our Business Policy is inspired by our principles "Innovation, Quality and Customer Service" and is the foundation of our reputation.

In January 2006, after three years of R&D, the ThermoFlash was launched. CLS France Group innovates again but this time in the field of clinical electronics. «The first professional infrared and clinical thermometer which can take a temperature instantly and without any contact» was introduced to the European Market.

The ThermoFlash LX-26 was born!

ThermoFlash LX-26



This completely revolutionary thermometer is an immediate hit amongst families and health professionals. Since then, 15.000 professionals, 5000 pharmacies, 400 dealers of clinical equipment trust us

and use or resell and distribute the ThermoFlash LX-26.

In January 2007, VISIOMED was created. A new entity and a new branch of CLS France Group dedicated to specialise in the field of clinical electronics. The goal of VISIOMED is to bring you a daily range of Innovating, Unique and Beneficial products such as: the ThermoFlash and our new product "An Electronic Baby Nose Cleaner with a Disposable Hygienic Cap..." known as BABYDoo Cleaner MX5. All our products from the VISIOMED range have « that special something » that makes them different!

ThermoFlash T103



ThermoFlash T103 displays the result of temperature taking within 10 seconds and has a flexible temperature sensor which can go up to 45° for the comfort of babies.

The ergonomics has been improved for safer use.

Completely waterproof, ThermoFlash T103 records

the last temperature taking.

TensioFlash

This new electronic blood pressure monitor for arms offers you the optimal conditions for taking blood pressure. Takes blood pressure quickly, very large display screen, 128 memories with date and time. Simultaneous display of the systole, of the diastole and of the heartbeat.



Portable Auto Blood Pressure Monitor for Wrist. You will obtain a reliable and precise result in only 20 Seconds. Accurate thanks to Fuzzy

Logic technology. Protective case for wrist support.

U Care



The weighing scale UCare UC-160ITO offers all the functions to take care of one's health, to control the results of a diet and to achieve one's goals.

No need to bend to read the results achieved. The data is transferred to a

large infrared LCD display which can be placed in front of you. Your daily needed calories are also displayed.

Your personal assistant UCare is the ideal appliance for a weight loss program.

Thanks to this appliance, you know whether you have lost muscle or fat.

With the impedance meter you know your body fat compared to your weight within 5 seconds. Compact and slim, you can put it in your pocket or your handbag and it is always ready for use.

Baby Doo Cleaner MX5



The Electronic Baby Nose Cleaner BABYDoo MX5 designed by Visiomed is a real innovation. Soft, efficient, clean and soothing for baby.

Hygienic for the user thanks to its disposable patented cap, MX5 BABYDoo is easy to clean, easy to use and efficient to safely unblock the baby's nose.

Pill box 202V



This Weekly Pill box 202V from Visiomed was designed in cooperation with users who need to take pills daily.

Very easy to use: one just has to program the time when one needs to take the pills and Pillbox Visiomed is in charge of the rest. It rings and vibrates when one needs to take the pills. Small and practical, this Pillbox Visiomed 202V is your ideal friend at home or on a trip.

Veinostim Prevention and Pain Treatment



The VeinoStim 216 is a massage apparatus by Electro-stimulation (Neuromuscular Transcutaneous Stimulation)

delivering a low frequency current with very weak voltage. This action involves the contraction and the relaxation of the local muscle.

VeinoStim 216 was especially conceived to Prevent, Treat and Relieve aching Legs, to help and stimulate the blood circulation, chronic pains, backache etc. (refer to notice for more details)

Prosonic Effective Solutions for dental care



Sonic Electronic toothbrush

Rediscover the natural whiteness of your teeth

Removes stains and dental plaque

Preserves the enamel

Takes care of your gums

Effective cleaning in difficult areas

The Sonic technique is used by professionals. Its

action speed is 30.000 vibrations per minute and is approximately 8 times greater than a traditional electric toothbrush. The Sonic Action works thanks to its 30.000 vibrations per minute

The Sonic's brush Head has a slim triangular stem, specially conceived to give an effective brushing for difficult to reach places (ex: jawbone zone) without hurting the cheek.

The bristle ends of the brush which are polished and rounded in Tynex Nylon (Dupont); give an in-depth brushing of your teeth, preserves the enamel and gently stimulates your gums.

See us at Medica 2007 Düsseldorf Germany, November 14-17, 2007, Hall 13 Stand 13F06

Fax: +33 148 18 13 80

E-mail: contact@visiomed-lab.com

Log on:

www.hospital-technology.com
for the latest in Healthcare



Instituto Marqués is one of the leading IVF clinics in Europe with more than 20 years of experience in the field of assisted reproduction. It comprises a multidisciplinary team of specialists in the different areas of reproduction fully dedicated to the diagnosis and treatment of infertility. For more information, please visit our web page: www.institutomarques.com



Instituto Marqués has recently spearheaded two new initiatives: The Center for Embryo Medicine (CEM) and the sperm bank, BioSperm.

The CEM is a state-of-the-art center for Preimplantational Genetic Diagnosis (aneuploidy testing and monogenic diseases) and Genetic Male Infertility diagnosis (meiotic studies, sperm FISH, DNA fragmentation test by TUNEL/flow cytometry, CFTR gene mutations and Yq11 microdeletions). The CEM is strategically located in Madrid and to service clinics worldwide. For more information, please visit CEM web page: www.pgdcm.com



BioSperm is a state-of-the-art sperm bank specially developed for ART clinics. BioSperm has available the high demand IUI-ready samples. These samples have the advantage that can be used right after thawing, result in high pregnancy rates and significantly reduce the workload of the laboratory staff. IUI-ready samples are tested for sperm aneuploidy by FISH and sperm DNA fragmentation. For more information please visit BioSperm web page: www.biosperm.es

Dr Raul Olivares

Instituto Marqués

Manuel Girona 33, E-08034, Barcelona, Spain

Tel: +34 93 285 8216 Fx: +34 93 205 9155 Email: info@institutomarques.com www.institutomarques.com