

PRODUCT HIGHLIGHTS

HUMIDITY FOR MECHANICAL VENTILATION

The Hydrate OMNI™ humidifier is a leap forward in the provision of humidity for mechanical ventilation, high flow gas therapy and tracheotomies. Based on novel technology, the Hydrate OMNI™ provides the clinician with unprecedented control of humidity in a small, lightweight and disposable package. The Hydrate is the only humidifier that regulates, displays and monitors humidity. No more guessing; no more hoping that humidity is enough based on temperature readings. Plus, the intelligent software constantly monitors everything from gas flow to gas humidity to the water bag's volume. Tomorrow's technology today. Control like never before. Welcome to the future. For more information, contact Hydrate, Inc. at 877C-FORCE-9 or visit www.hydrateinc.com. Circle Card # 44



NEW TOTAL O2 DELIVERY SYSTEM

The iVent201 ventilator is the most versatile ICU class ventilator on the market. In VersaMed's continuing commitment to providing cutting edge products to be used throughout the spectrum of care, we created the first full featured, transportable, MRI compatible, critical care grade, invasive and non-invasive ventilator available. With the advanced features of the iVent201, your patient will be comfortable throughout the trip to from the ICU to the MRI suite or anywhere they need to go, even home! With its competitive price and unlimited upgradeability, the iVent201 is the savviest investment for all your needs, now and in the future. Call 800-475-9239 or visit www.versamed.net. Circle Action Card # 45



NEW SCREENING & MONITORING TOOLS

Vitalograph announces a new range of spirometry products specifically designed for lung disease screening and monitoring as well as smoking cessation purposes. Features of the new products include displaying severity of COPD, as defined by GOLD guidelines, as well as monitoring asthma indices, in line with the latest NHLBI recommendations. Other features include test result recall, color zones for asthma management and effective 'lung age' for smoking cessation motivation. PC connectivity through USB to produce electronic reports will also be available. For more information, please call 800-255-6626 or visit vitalograph.com. Circle Card # 46



FINGERTIP OXIMETER W/ BLUETOOTH®

Nonin Medical has introduced the Onyx® II, Model 9560, the world's first interoperable fingertip oximeter with Bluetooth® wireless technology. Designed for easy integration into medical ecosystems, numerous leading technology manufacturers are developing working interfaces for the revolutionary Onyx II 9560. Soon, patients and clinicians will easily be able to monitor vital signs in environments never before possible. This significant advance will also facilitate the development of a more simple, secure and cost-effective process of managing patient information by utilizing cell phones, PDAs, PCs, etc. Visit www.nonin.com to learn more. Circle Card # 47



MECHANICAL INSUFFLATION-EXSUFFLATION

CoughAssist is a unique, noninvasive device that safely and effectively removes respiratory secretions in patients with an ineffective ability to cough. CoughAssist is cleared for use on pediatric as well as adult patients. Typical CoughAssist patients include those with amyotrophic lateral sclerosis, spinal muscular atrophy, muscular dystrophy, myasthenia gravis and spinal cord injuries. CoughAssist works by gradually applying positive pressure to the airway, then rapidly shifting to negative pressure. The pressure shift produces a high expiratory flow from the lungs simulating a cough. For more information on the CoughAssist, visit <http://coughassist.respironics.com>. Circle Card #48



MANUAL JET VENTILATOR

Instrumentation Industries, Inc.'s Manual Jet Ventilator and Transtracheal Catheter may be the emergency intervention of choice for the patient with facial trauma, partial airway obstruction, upper airway bleeding, or otherwise difficult airway access and management. We have been providing practical solutions for health care professionals in Emergency Medicine, Respiratory Therapy, Critical Care, and Anesthesia for over 30 years. Call (800) 633-8577 or visit www.iiirespiratory.com. Circle Action Card # 49



AIRWAY CLEARANCE SYSTEM

Electromed, Inc.'s SmartVest® Airway Clearance System uses High Frequency Chest Wall Oscillation (HFCWO) therapy to deliver effective and well-tolerated airway clearance treatment for patients who are otherwise at risk of developing respiratory infections from retained secretions. The Company's new Triline™ Model emphasizes convenience in providing HFCWO therapy. The SmartVest system is Portable, Programmable, and Multi Positional. The vest is made of a soft fabric material, is washable, and provides treatment on a full coverage basis. Call us at 1-800-462-1045 or visit www.electromed-usa.com. Circle Action Card #50



QUALITY TRACINGS AND EASY CLEAN-UP

FMI proudly distributes top quality sleep and neurology products from leading manufacturers. Nuprep™ skin prepping gel and conductive paste have been used successfully over the past 15 years in hundreds of sleep centers and hospitals in the U.S. and abroad. The abrasive in patient-friendly Nuprep gel helps lower impedances at the electrode site, helping to improve tracings. The washable, non-drying formulation of Ten20 Conductive paste makes cleaning up easy and quick. For more information call Faith Medical Inc @ 800-600-1390 or visit us at one of our upcoming conferences: FOCUS or APSS. Circle Action Card # 51



NEW LIGHTWEIGHT VENTILATOR

Smiths Medical introduces the Pneupac VR1® emergency and transport ventilator with air mix feature. This lightweight, ergonomically designed, palm-sized oxygen powered ventilator will provide 100% oxygen when necessary but can now, with a flick of a switch, provide approximately 50% oxygen for patients who don't require that high a concentration. The single control for setting the frequency and tidal volume, including a click-stop setting at the recommended adult position, enables rapid setups. The new air mix feature, combined with auto/manual controls, patient demand system, and MRI compatibility, provides a better means to manage respiratory emergencies. Circle Action Card 52



CRITICAL CARE RESPIRATORY CARESTATION

The Engström Carestation® is the first critical care respiratory carestation to offer integration throughout the care process. From the ICU to the Step-down unit, you have the ability to integrate ventilation with monitoring modules capable of measuring advanced parameters - a first in ventilation & exclusively from GE Healthcare. INview™ Suite: SpiroDynamics® and FRC INview. New methods in ventilation monitoring for the clinician. Familiar user interface. Adaptable & flexible to your environment. Customizable screens. Non-invasive ventilation. Easy to maintain. Focused on patient safety. www.gehealthcare.com or call 800-345-2700 Circle Card # 53



NEW FACE MASK CPAP SYSTEM

Airon Corporation is pleased to announce FDA marketing approval of MACS, the next generation Face Mask CPAP system for critical care. MACS is the most sophisticated, versatile and economical CPAP system available today. Designed for use on critically ill patients, MACS meets the rugged requirements of today's EMS and hospital professionals. For more information on Airon Corporation's MACS Face Mask CPAP system, visit www.macs-cpap.com or call them at 888-448-1238. Airon Corporation is also the manufacturer of pNeuton Ventilation products, ideal for disaster preparedness and patient transport of critically ill patients. For more information on pNeuton products, visit www.pneuton.com. Circle Reader Action Card # 54



NEW CUFFLESS SUPRALARYNGEAL AIRWAY

The SLIPA airway represents the first cuffless supralaryngeal airway that is superior to other equivalent airways because it maximizes on the space available for trapping and storing liquids that could be aspirated if regurgitation occurs during anaesthesia or resuscitation. Air cushions limit that possibility. Being preshaped, selection of the best site for sealing is achieved with resultant good quality seal pressures and the relief of pressure is achieved at selected sites where injury to vulnerable nerves may occur. This illustrates a number of design advantages and lowers costs. Visit www.slipa.com/index.php & arcmedical.com. Call ARC Medical at (800) 950-ARC1 Circle Action Card # 55



MUCUS CLEARANCE THERAPY

The Quake[®] is an innovative and unique device that provides mucus clearance therapy in a portable, easy-to-use, handheld device. The Quake[®]'s soft touch handle allows the patient to regulate rotation frequency and vary percussive pressure differentials within the lungs during both inhalation and exhalation. The Quake[®] provides optimum performance in any patient position and offers effective results due to its "Flow Independent" design. The Quake[®]'s simple, two-part design enables the user to easily and quickly disassemble and reassemble the Quake for cleaning. The Quake[®] truly allows for individualized therapy that meets each patient's mucus clearance needs. Circle Card 56



TRANSTRACHEAL OXYGEN

Transtracheal Systems is a medical device manufacturing company that specializes in the design and production of innovative oxygen therapy products. Each product in our line is designed to improve oxygenation, ambulation, and quality of life for patients requiring continuous supplemental oxygen. Our core product since 1986 has been the SCOOP product line of transtracheal catheters. Over 160 references in the medical literature testify to the superior clinical benefits of SCOOP catheters over nasal prongs. SCOOP catheters reduce resting flow rates 50-60%, while insuring 24 hours per day compliance with prescribed oxygen therapy. Circle Action Card # 57



AUDIO MONITORING FOR THE SLEEP LAB

Louroe Electronics manufactures audio monitoring systems; several of which are especially designed for sleep applications. The system delivers crisp, clear audio, allowing the technician to closely monitor the patient. The technician can listen to the patient hands-free and needs only to press a switch to talk to the patient. The audio system consists of a speaker/microphone for wall mounting in the patient's room and a desktop receiver for the control room. The receiver has volume control and output to a VCR/DVR for recording along with an input for audio playback. For more information call 818-994-6498. Circle Action Card # 58



NEW CLOSED SUCTION SYSTEM

The Portex[®] SuctionPro[™] 72 Closed Suction System, is designed for airway suctioning of critically ill patients and is indicated for 72 hours of continuous use. The closed system reduces risk of cross contamination and the lockable end cap prevents inadvertent suctioning. This product features an unobstructed evacuation pathway making it easy to remove secretions. All product codes include a swivel connector to reduce torque to the patient and a 15/22 mm connector to accommodate various ventilator circuit sizes. Portex[®] SuctionPro[™] 72 systems offer value and a time-saving solution for therapists, nurses, and medical facilities. For more information call 800-258-5361. Circle Card # 59



HI FLOW DELIVERY SYSTEM

VAPOTHERM is a high flow heat and humidification device for the non-invasive delivery of inspired gas flows from 0.5 to 40 liters per minute. The unique technology delivers a perfect synchronization of flow, humidity, temperature and oxygen percentage without discomfort via nasal cannula. Find out why VAPOTHERM makes all the difference. Contact us to arrange a clinical evaluation. Precision Flow device pending FDA clearance. Circle Action Card # 60



SERVO VENTILATORS FROM MAQUET

For 30+ years, SERVO ventilators have been recognized as the leading name in ventilation technology. From its non-invasive option on the SERVO-i to the new SERVO-s for chronic care, SERVO is recognized for providing ventilation for neonatal, pediatric & adult patients. SERVO's graphical representation of measured & calculated values makes for easy interpretation. SERVO-i ventilators are available with Maquet's proprietary Open Lung Tool—life-saving software for advanced monitoring & feedback that optimizes gas exchange & oxygenation, minimizes ventilator time & prevents ventilator-induced injuries. (888)-MAQUET3 or maquet.com. Circle Card # 61



AIRWAY CLEARANCE THERAPY

The Frequence[™] provides airway clearance therapy and promotes bronchial drainage by inducing vibration in the chest walls while using acoustics to generate frequencies between 20-100Hz, enough to reach a patient's lung resonant frequency. It becomes easier to liquefy mucus and clear airways. Treatment with the unit is indicated for patients having respiratory ailments that involve defective mucociliary clearance, as is typical in patients suffering from cystic fibrosis, chronic bronchitis, bronchiectasis, ciliary dyskinesia syndromes, asthma, muscular dystrophy, neuromuscular degenerative disorders, post-operative atelectasis and thoracic wall defects. This device provides a gentler form of therapy than the traditional "clapping" method of postural drainage therapy, allowing it to be used on patients who cannot be treated by clapping. Circle Card #62



INDUCTIVE (RIP) INTERFACE CABLES

SLP Inc. introduces the new SleepSense Interface cables that accompany the SleepSense Inductive/RIP bands. SLP provides two separate interface cables for abdomen and thorax with a variety of connection methods that will effortlessly suit most any PSG system on the market. SleepSense interface cables are a direct plug and play replacement for any Piezo effort sensor and last for over 700 nights. Powered by an internal battery, the system specific interface cables require no adjustments or switches. The combination of the SleepSense RIP bands and interface cables provide an excellent signal throughout the night. (888) 757-7367 www.SleepSense.com Circle Action Card # 63



PRODUCT HIGHLIGHTS

POLYSOMNOGRAPHY COURSES

The Atlanta School of Sleep Medicine and Technology is a premier training facility for physicians, technicians & industry professionals in the field of sleep medicine. Our school is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians and approved by the Board of Registered Polysomnographic Technologists to provide continuing education courses toward the recertification of sleep technologists. Since 1992, we have provided those in the field of sleep medicine with the comprehensive educational opportunities that are needed to learn, grow and be successful. www.sleepschool.com 678-651-2000 Circle Card # 64



INDUCTANCE PLETHYSMOGRAPHY SYSTEM

The Sleepmate RIPmate™ meets the new AASM Technical Respiratory Rule recommendations for accreditation & scoring. Designed with a washable one-size-fits-all belt and buckle. Plugs directly into the AC input of any headbox with NO additional software needed. Patient set-up is simple; As easy to use as our standard piezo effort belts. Provides a reliable effort signal that eliminates effort signal loss and false paradoxical signals. Ships with a RIP Education CD and will be upgradeable with a "sum" channel that does not require calibration, and can be used for identifying paradoxical breathing. Visit Sleepmate.com or call 1-800-639-5432 for more information. Circle Card # 65

OUTFIT YOUR LAB OR CLINIC WITH NSI

NeuroSupplies Integra™ is a leading distributor of a wide range of neurological and sleep studies supplies required for electroencephalograph, evoked potentials, electromyography and sleep disorders testing. We supply air pressure transducers, snore sensors, electrodes, adhesive paste and gels for electrode application, educational materials and other necessities. NSI offers the most complete and highest quality range of products designed to outfit your lab or clinic at the most affordable pricing. For a complete listing of our products visit www.integraneurosupplies.com. Toll-free number 1-800-654-2873 Fax 609-275-5363. Circle Card # 66



MAXIMIZE PATIENT CARE

Maximize patient care while facing reduced resources. Dräger's EvitaXL offers a full range of ventilator performance and provides clinicians with a high degree of user-configurability. Dräger has been a leader in developing such features as APRV, NIV, MMV, ATC and AutoFlow. Now there's SmartCare®/PS. SmartCare continuously monitors the patient's respiratory rate, tidal volume and end tidal CO₂. Based on these parameters, the support level is automatically adjusted according to patient demand every 2 to 5 minutes. The result – an automated, standardized weaning protocol which can reduce ventilation time by 33%. www.draeger.com. Circle Action Card # 67



ORIGINAL INDUCTIVE PLETHYSMOGRAPH

Ambulatory Monitoring, Inc. provides the Intuctrace original inductive plethysmograph design - standard for monitoring respiratory volume changes from the chest/abdominal wall. Respiratory patterns reflecting intercostal/abdominal changes, summed in a 3rd channel, identify obstructive apnea. The Intuctrace is now enhanced by the addition of Inductoview Software with Personal Measurement Device, which provides an effective method to capture respiratory data by adding a simple interface to Windows 9X/NT via USB eliminating the need for A-to-D cards. For more information, call 800 341-0066 or visit www.ambulatory-monitoring.com. Circle Action Card # 68



**Ambulatory
Monitoring, Inc.**

VERSATILE ECG/SPIROMETRY UNIT

Futuremed introduces the P8000 Power, an economically priced instrument that lets the user start with a resting ECG and add spirometry or exercise stress testing. The P8000 has a full keyboard and the unit's high resolution screen allows real time display of Flow/Volume loops or time/volume curves. Preview ECG tracings before printing. Electrical power is backed by a rechargeable battery. Reports are available complete with diagnosis if desired. Meets all ATS, OSHA and Social Security standards. Visit us at www.futuremedamerica.com, or call 1-800-222-6780 for more information on the P8000 or any of our other fine products. Circle Action Card # 69



AUTOMATIC RESPIRATORY PRODUCTS

VORTRAN manufactures a line of low cost, single patient, automatic respiratory products: VORTRAN Automatic Resuscitator- MRI safe, automatic resuscitator for transport or emergency ventilation for pediatric/adult patients 22 lbs. and above. E-Vent Case™. for rapid emergency ventilation deployment in any Mass Casualty Incident. PercussiveNEB™. inexpensive, hi-frequency airway clearance percussive device. VORTRAN IPPB™. easy to use IPPB w/o the capital equipment expense. Hi-Flow 70 Compressor custom manufactured meeting hi-flow requirements unique to PercussiveNEB and VORTRAN-IPPB. 800-434-4034. Circle Action Card # 70



NEW SLEEP APNEA FULL FACE MASK

Try the NEW Full Face V2™ Mask from Hans Rudolph. Designed from years of feedback from sleep techs, patients, key sleep professionals, Therapists, Family Care Doctors & Homecare Dealers & Suppliers. The silicone rubber V2™ Mask offers guaranteed patient satisfaction with the entirely new seal technology. The V2™ airtight leak free seal fits a wider variety of face geometries while still providing the comfort people have come to expect from a Hans Rudolph Mask. The V2™ is exactly what a Full Face CPAP mask should be from the oldest company in the Respiratory Field and a family business that cares about patients. Circle Card # 71



ROCHE HIGH VOLUME ABG ANALYZER

The Roche cobas b 221 analyzer is a complete blood gas solution designed for high-volume use. Delivers time & cost efficiencies. Configurable menu has options for blood gas, electrolytes & metabolites. Built-in AutoQC® module holds up to 40 days of QC material & automatically provides programmable QC regimens, lock-outs, & lot-to-lot comparisons. Combines with an online, real-time, peer review QC program that leads the industry for QC reporting. Powerful connectivity options capture and report data for max compliance. For optimum control, OMNILink instrument management software remotely manages analyzers from one central workstation. Circle Card # 72



NEW BLOOD GAS ANALYZER

OPTI Medical Systems, Inc. manufactures the OPTI CCA-TS portable analyzers for measuring time sensitive diagnostic assays including blood gas, electrolytes, ionized calcium, measured SO₂, tHb, and glucose. With the OPTI CCA-TS analyzer, obtaining accurate blood gas results is fast, easy and convenient. It's ideal for giving respiratory therapists and other clinicians a flexible solution for performing blood gas tests – on the bench top or at the bedside. It features the assays most needed by hospital clinicians, simple intuitive operation, and can be integrated with any HIS/LIS. Patented optical fluorescence technology virtually eliminates maintenance costs, test delays, and downtime. Visit www.optimedical.com or call 800-490-6784. Circle Card # 73

