

OXYSWING® Medical Oxygen Generators Now Available

Innovative Gas Systems Group announced a new concept of oxygen supply to the medical market, suitable for variable needs of gas flow. The innovative design of these plants allows end users to expand the system on site, without making any substantial changes to it while avoiding the risk of contamination inside the oxygen generating towers. The features of the OXYSWING® Line are such as to provide the best advantages in terms of convenience and simplicity including pipes, valves and air treatment already sized for utmost extension; components from primary suppliers available throughout the world; minimal maintenance and Zirconium cell based oxygen analyser providing maximal reading reliability, inexhaustible application without requiring yearly calibration. Moreover, the system includes optional electronic flow meter fitted inside the metal cabinet and optional

telemetry for remote monitoring and control of the medical oxygen generator. The OXYSWING® range caters for all requirements and thanks to the addition of modules and the Dual Bank system option, there are no limits to oxygen supply. OXYSWING® Generators are manufactured to the quality standards of ISO 13485:2003 and are certified as Class II B to 93/42/EEC, which makes them fully suitable for any healthcare application. Innovative Gas Systems is one of the world's major suppliers of on-site air separation plants for the production of nitrogen and oxygen. The company's technologies for the production of nitrogen and air drying by Hollow Fiber Membranes (GENERON®) and for the production of nitrogen and oxygen by optimized Pressure Swing Adsorption processes (NITROSWING® & OXYSWING®) set new market standards in terms of performance and efficiency. It also has production



The Dual Bank system Innovative Gas Systems

facilities and numerous sales and service centres in North America, Europe, Russia, Middle East, Asia and the People's Republic of China. ■

High Performance Capnograph Designed To Improve Patient Care

The new ultra-compact and ergonomic VM-2500 combines outstanding performance and reliability, in either mainstream or sidestream CO₂ and SpO₂ monitoring. It reaches full scale accuracy within 10 seconds and is extremely important in emergency conditions. No service or calibration is required and it use reduces running costs and down time. It has a bright and clear organic LED display and can be read from an angle in low light conditions often found in emergency situations. Utilizing innovative technologies and state-of-the-art design, this CO₂ and SpO₂ monitor provides extremely accurate and reliable measurement for intubated or non-intubated patients. The VM-2500-M mainstream capnograph utilizes the advanced IRMA™ CO₂ Analyzer to precisely determine gas concentration in the mixture. The VM-2500-M is designed to overcome the shortfalls of conventional sidestream technolo-

gies, namely water and secretion handling, calibration and service costs. The IRMA™ CO₂ Analyzer is factory calibrated and requires no integration procedures or associated expenses, just 'PLUG-IN and MEASURE...™'. The VM-2500-S sidestream capnograph combines the advanced ISA™ CO₂ Analyser; with the Nomo Adapter. This 'no moisture' adapter has fluid protection technology specially developed to eliminate traditional water condensation and separation problems commonly associated with other sidestream systems. The Nomo Adapter and sampling line is the world's first sampling line system that removes both water and water vapor from a sampling line without the use of a water trap. Measuring a range of vital parameters; FiCO₂, EtCO₂ Respiration Rate, SpO₂ and Pulse Rate, the VM-2500 is designed to help improve patient care and allow more time to be spent with the patient due to its rapid



warm-up and response times. With no maintenance or calibration required, this high performance capnograph is a cost effective system for patient monitoring during resuscitation, even in the most difficult emergency situations. ■