Nova Biomedical introduces the Nova 6 Sodium/Potassium/Ionized Calcium Analyzer. The Nova 6 simultaneously measures sodium, potassium and ionized calcium. Na/K is measured using either whole blood, serum, plasma or urine samples. Ca²⁺ is measured using whole blood samples. All three can be measured together at a sample volume, reagent cost and labor cost equal to those required to measure any one parameter separately. Results are obtained in less than one minute with no set-up, calibration or waiting period. It is ideal for stat support of ICU, pediatrics, renal or surgery departments.

Gambro, Inc. announces the introduction of its adult bubble oxygenator, the Oxygenator 10. This device offers the convenience of gas and water connections incorporated into the holder, an integrated gas filter, and a 360° rotating venous inlet connector. The Oxygenator 10 design includes a high efficiency heat exchanger, unique gas distribution system, effective de-foaming unit, and a flow range between one and seven liters per minute. The new Gambro Oxygenator 10 can be easily adapted to heart-lung systems currently available.

The TERUMO CORPORATION of Piscataway, N.J. announces the availability of a series of new capillary membrane oxygenators. The CAPIOX II system is composed of 4 sizes, ranging from 1.6 m² to 3.3 m², 4.3 m² and 5.4 m² respectively. The CAPIOX II system is characterized by functional simplicity, high performance gas exchange, and integral heat exchange.

Shiley’s disposable temperature monitoring probes are available with a thermocouple sensor which eliminates the need for recalibration. They are offered in the following configurations: Esophageal/Rectal, In-Line Solution and Myocardial Probes with standard (15 mm) and long needle (30 mm). Each probe is 10’ long and packaged in a unique spool for ease of handling and convenience.

This feature is intended to inform readers of product advances. It is not intended to endorse, advertise, recommend or guarantee the performance of any product shown.

20 The Journal of Extra-Corporal Technology Volume 15, Number 1, 1983
Shiley Arterial Filters with 20 or 40 micron screen, incorporate a tangential inlet flow for enhancement of air venting efficiencies prior to filtration. The clear housing offers excellent visibility for monitoring and priming. The Shiley Arterial Filter Holder has been designed to assure proper filter orientation.

Gambro, Inc. has announced the introduction of its HL 10 modular heart-lung machine. This system incorporates a compact design with four or five pump capability and optional built-in battery unit. The modular blood pump features a tachocotrolled DC motor to insure a fast, accurate pump speed setting, light bar display for simultaneous monitoring RPM and LPM, special built-in tubing guide adjustments to eliminate the need for tubing inserts, and completely protected pump head and raceway. The HL 10 system selection of accessories includes a temperature monitor, level detector, pressure monitor, and gas flow meters in either standard or customized configuration.

The Bentley CBP-6000, Continuous Processor, is an ultrafiltration system for use where intra- or post-operative concentration of whole blood is indicated. Each CBP-6000 contains an ultrafilter capable of removing up to 6 liters per hour of excess electrolyte solution, a two liter capacity collection reservoir, and circuit tubing. The CBP-6000 may be custom designed for use off an arterial filter, or, as a roller pump system.

Becton Dickinson Respiratory Systems announces the availability of their new DRIHEP arterial blood gas syringe—the latest addition to a “family” of arterial blood gas syringes. The new plastic DRIHEP syringe has demonstrated response to low arterial pressures (average 25mm Hg) which makes this syringe deal for sample collection in critically ill and/or seriously debilitated patients. Features include: prefilled with lyophilized heparin to eliminate “dilution” of samples; clear hub and Luer-Lok® tip for convenience and assurance in use; MICRO-THIN™ wall needle for patient comfort; available in a wide variety of kits.

For further information, contact the manufacturer:
Becton Dickinson Respiratory Systems, Lincoln Park, NJ 07035
Bentley Laboratories, Inc., Irvine, CA 92714
Gambro, Inc., Barrington, IL 60010
Nova Biomedical, Newton, MA 02164
Shiley, Inc., Irvine, CA 92714
Terumo Corporation, Piscataway, NJ 08854