The KOLOBOW Spiral-Coil MEMBRANE OXYGENATOR is now available from Sci-Med, Inc., of Minneapolis, Minnesota. According to a recent announcement from Frank Freedman, Director of Research and Development, the oxygenator employs principles somewhat different from the "plate-and-frame" or capillary membrane lungs. For a complete dossier on this interesting concept, circle number 50 on the Reader Service Card and Frank will respond.

The Heavy-Duty BLANKETROL HYPER/HYPOTERMIA Unit, manufactured by Cincinnati Sub-Zero Products, Inc., has been adapted for use as an independent source of heat exchange fluid for extra-corporeal blood heat-exchangers. Main features of the unit are its increased compressor capacity and heater wattage. In addition to being utilized with the pump oxygenator system, it has sufficient capacity to handle the patient's thermal blanket at the same time. Likewise, when the unit is not needed for perfusions, it may be used like any hypo-hyperthermia machine. For further details, circle number 51 on the Reader Service Card.

SARNS, INC., announces the Model 2500 Roller Pump. It is a versatile pump for general laboratory use. Liquids, gases, or corrosive, abrasive or sterile fluids may be pumped with control of flow rates, both accurate and repeatable. Models and conversion accessories are available to provide flow rates from 25 to 8,000 ml/min. down to 2 to 1,500 ml/min. Data on this instrument may be obtained by circling number 54 on the Reader Service Card.

NEW PRODUCT NEWS

The Marquardt Company, a division of CCI Corporation, has developed and is evaluating clinically its Recirculating Dialysate (REDO) System. Only 15 inches high, the unit is not much larger than a portable TV set and requires only a half-gallon of dialysate. A chemical sorbent cartridge is used to strip the impurities from the dialysate solution. The purified dialysate is then recirculated back to the dialyzer. No plumbing connections or drain access is required. Mr. Martin Roberts will be happy to send you all available information if you will just circle number 52 on the Reader Service Card.

Another new idea from Edwards Laboratories, the BARTLETT-EDWARDS INCENTIVE SPIROMETER is designed to reduce the incidence of postoperative pulmonary complications. Inducing a sort of controlled "yawn", the spirometer consists of a sterile disposable breathing tube and bellows chamber, a volume measuring device, inspiration indicator light and a cycle counter. Very simply, the patient inhales through the breathing tube, the light goes on. He continues to inhale until he reaches the capacity set by the volume control. As he stops inhaling, the light goes out and cycle counter registers. The purpose is to motivate the patient to deep-breathe 10 times per hour. The unit teaches him to do it adequately and counts to be certain he does it with sufficient frequency. Jim Paulson will send you the necessary data when you circle number 53 on the Reader Service Card.

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NEW PRODUCT NEWS

HARVARD APPARATUS COMPANY manufactures a precisely adjustable tubing clamp. The clamp may be used in a number of situations from controlling back pressure in a dialyzer to controlling venous return in an infant perfusion. Capable of handling any flexible tubing up to 3/8 inch O.D., the clamp features numbers and an audible click ratchet which allows both accuracy and repeatability. Wouldn’t such a clamp be great for controlling the venous return on pediatric and adult perfusions? Full details will be send to you just by circling number 56 on the Reader Service Card.

DIA-KLEEN, a fully automatic purging system for the re-use of dialyzers, has been developed and is available from Life Science Systems. The unit automatically proportions and filters all solutions used to eliminate contamination and human error. Standard cycling time is 24 minutes for coils and 32 minutes for parallel plate dialyzers. Flow rate of solutions is adjustable from 500 to 1100 ml/minute. To complete your file on this unique system, circle number 57 on the Reader Service Card.

Howard Hinck, of PIONEER FILTERS, INC., recently notified us of a new holder and bracket for the Swank microemboli filter. The bracket is of anodized aluminum, will hold one or two filters, swivels to adapt to any situation, and will clamp onto most masts or I.V. stands. Though the filters snap into the bracket, Howard says they are easily removed for filter debubbling. Circle number 58 on the Reader Service Card and he will send you full details on this accessory.

A micro-emboli FILTER for STORED BLOOD is now available through Howard and Pioneer Filters. A necessary adjunct to the use of micro-emboli perfusion filters, the micro-emboli transfusion filter protects the patient from the aggregates, etc. in banked blood given after his removal from pump-oxygenator support. A complete dossier will be received by merely circling number 59 on the Reader Service Card.