

NEW PRODUCT NEWS

Sarns, Inc. of Ann Arbor, Michigan announces a new blood pump, the Model 5500, for kidney dialysis and other blood pump applications. Sarns is the leading producer of blood pumps and related equipment for cardiovascular surgery and kidney dialysis.

The 5500 has features that make it ideal for both hospital and home kidney dialysis programs. It's smaller in size and in a price range that will appeal to hospital administrators and doctors. The 5500 features ease of set-up and simplicity in operation. It has tube holders

that adjust automatically to one or two tubes and handle all standard tubing sizes.

The pump provides flexibility in set-up, as the pump head can be rotated 90° either way to provide the best tubing layout. Individual occlusion adjustment is made by separate roller controls that have quick release locks. No tools are required. Typical flow rate is 15 to 500 ml/min. for 1/4 inch tubing.

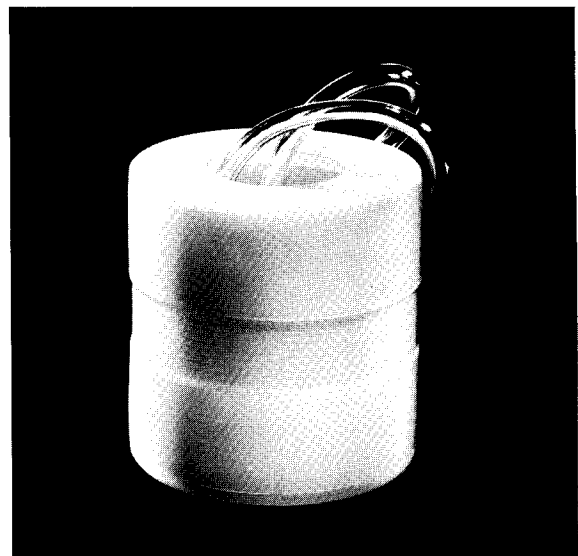
An outstanding feature is the ease of cleaning. The pump head is of modular construction that can be quickly disassembled for servicing.

Sarns engineers designed the pump head with extra barriers against liquids to extend pump life and reduce maintenance. (Patented features.) Overall dimensions of the pump in inches are 8-1/4 x 11 x 11-5/8. Weight is 31 pounds (14 kilograms). For more information, circle number 45 on the Reader Service Card.

A new disposable pediatric dialyzer cartridge is introduced by Extracorporeal Medical Specialties, Inc. The EX-P Disposable Pediatric Dialyzer Cartridge is designed to fill the need for a dialyzer cartridge to use with the small patient, whether pediatric or young adult.

Featuring an effective membrane surface of .315 M², the EX-P cartridge offers lower volume and lower ultrafiltration than any other disposable dialyzer cartridge presently available.

Like all Extra corporeal Disposable Dialyzer cartridges, the EX-P combines a single cuprophane pathway with a plastic mesh designed to provide minimal resistance to blood flow and improved circulation of the dialysate. All Extracorporeal cartridges feature single blood lines, require no external inflatable cuff, and adapt readily to most monitoring and delivery systems. Circle number 46 on the Reader Service Card. Randy Suhl will send you a complete dossier.



A unique laboratory centrifuge that separates most samples in less than a minute has just been put into national distribution by Brinkmann Instruments. This compact (only 9" high and 6¾" wide) centrifuge obtains 12,000 g's (15,000 r.p.m.) in just 5 seconds and stops in about 15 seconds. Because of the tremendous force, practically all but the most difficult separations can be finished in under a minute.

Since most separations take place in 30 to 60 seconds, heat-sensitive materials can be spun down without loss. The centrifuge accepts twelve 1.5 ml tubes of (using adapters) twelve 400 ul tubes. Since the tubes are made of polypropylene, they can be autoclaved, and they are shaped so that both tubes permit mixing and spinning down in the same tube.

Operation is quiet. The centrifuge is equipped with suction cups to hold it in place, a built-in timer and a safety switch. Mike Kalbs will ship all information if you will circle number 47 on the Reader Service Card.



A new plastic work surface and drawer liner material for laboratories has been introduced by Nalgene Labware Division of Nalge Company.

The new material, trade marked "Clean Sheets", is a cross-linked polyethylene foam. The closed-cell construction of this material provides a smooth, non-absorbent, nonwetting surface that is easily cleaned. The new material is resilient but not spongy.

The cross-linked polyethylene material is unaffected by acids, bases, alcohols or titrants. The closed-cell construction holds chemicals on the surface, makes spills easy to clean.

Nalgene Clean Sheets are available in two forms: 1/4-inch thick mats (10½ x 12 and 16 x 21) and 1/8-inch thick rolls 50 feet long and 18 or 30 inches wide.

They are reversible and can be cut easily with scissors or knife. They are recommended for protecting new lab bench tops, renewing old bench tops, lining drawers, shelves and sinks. Their uniform white surface makes an excellent background for titrations.

Further information on Nalgene Clean Sheets is available by simply circling number 48 on the Reader Service Card.

Columbus Instruments announces their Multiplexer CI-1 and Tape Punch. They can count incoming events from six (6) channels and punch the accumulated numbers on the computer paper tape in the preset time interval. Incoming events can be in the form of contact closure or voltage pulses. Multiplexer with the Tape Punch is a form of sophisticated event recorder from which recorded information can be easily analyzed by the digital computer and/or printed out by the computer terminal.

This equipment has a wide application field wherever information on incoming events has to be statistically evaluated with the help of digital computers. For further information, circle number 49 on the Reader Service Card. Jane Zekagewski will forward a complete file.

