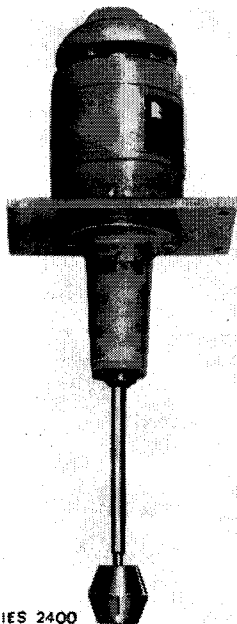


# NEW PRODUCTS AND EQUIPMENT

## Drive Units for Electric Mixers



SERIES 2400

Electric mixer drive unit designed to operate in the 30 to 300 gallon batch range now available from the Premier Mill Corp. The mixer shaft is demountable by loosening the chuck, the unit is designed for beam or channel mounting with open tanks. The units

incorporate such maintenance free construction features as flexible motor couplings, sealed bearings and welded support frames **PE1**

## Organic Sequestrants

A series of polyamino carboxylic acids claimed to be superior to Ethylene diamine tetraacetic acid in solubility and chelation of ferric ion is available from the Refined Products Corp. The sequestrants called Perma-Kleers react with metal ions to form water soluble chelates, deactivating the metal without actually removing it from solution. The solubility of these complexes is claimed to be much greater than similar chelates of EDTA. **PE2**

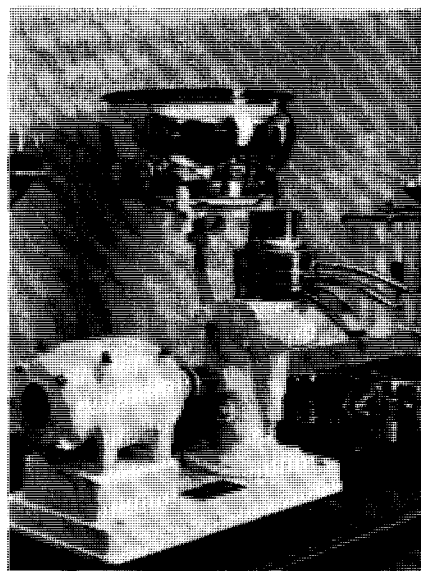
## Coenzyme Available for Research Purposes

The first isolation of the coenzyme uridine triphosphate, UTP, has been announced by the Pabst Research Laboratories. The material is being produced by Pabst in commercial quantities for research purposes.

The coenzyme is isolated from yeast derived nucleotides by an ion exchange method. Chemically related to adenosine triphosphate, ATP, UTP is believed

to have a similar general role as a catalyst and energy carrier. It is believed, however, that this action may be more highly specialized than that of ATP. **PE4**

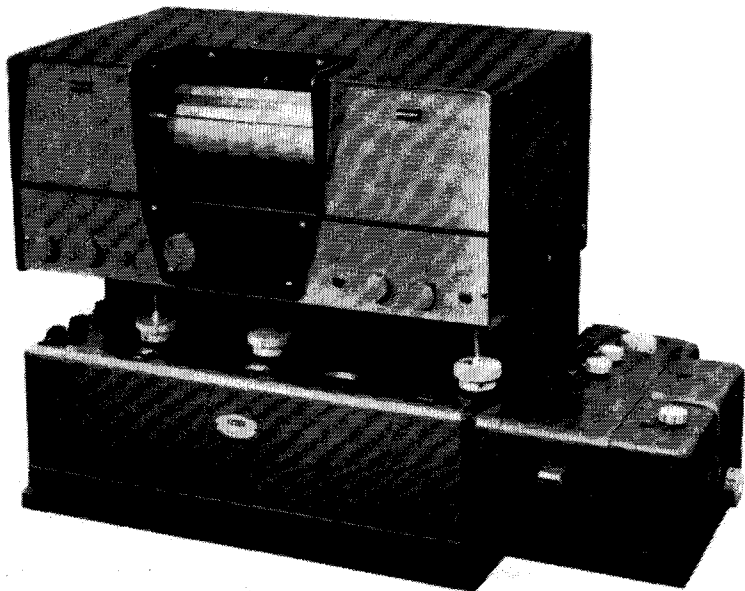
## Multiple Purpose Laboratory Centrifuge



Laboratory centrifuge with a capacity of 0.2 to 2 gallons per minute available from Merco Centrifugal Co. The machine weighs less than 150 pounds, measures about 30 inches in height and develops a centrifugal speed up to 12,000 r.p.m. Features of the machine include: small size, stainless steel construction of internal parts, simplicity of operation and versatile power requirements, 110, 220, or 440 volts **PE5**

## Automatic Recording Spectrophotometer for Rapid Operation

Automatic spectrophotometer, which runs analyses practically unattended yet with accuracies matching manual operation, available from Beckman Instruments Inc. The instrument built around the single beam quartz monochromator, automatically measures and records in the 210 to 100  $\mu$  region of the spectrum. Once controls are set the instrument can run unattended for a whole day. The only duties of the operator are to change samples and chart paper and set scanning **PE3**



## Analytical Resins

Preprocessed ion exchange resins which have been completely sized and purified by alternate acid, base, and organic solvent cycles are available from the Bio-Rad Laboratories, Berkeley, Calif.

The original resin, Dowex, from the Dow Chemical Co. is processed to provide a source of resins with known properties. The material is intended to facilitate standardization of reproducible procedures carried out on different batches of resins, by elimination of experimental variability in the material.

Resins presently available from stock include 4 types processed from Dowex 50 (cation exchange) and 3 different anion exchange materials to the styrene type. **PE6**

Use coupon, page 1174, for further information