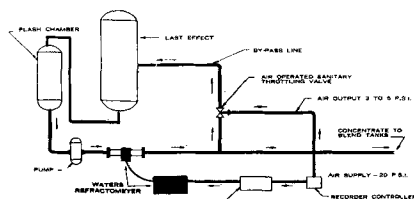


WATERS EVAPORATOR SOLIDS CONTROL



Waters In-line Refractometers are now being used to control the dissolved solids content of a wide variety of food products.

TYPICAL APPLICATIONS

VACUUM PAN CONTROL
LIQUID SUGAR
APPLE SAUCE
SYRUPS
WHEY
INSTANT COFFEE
JAMS
KETCHUP
INSTANT TEA
JELLIES
CITRUS JUICES
GELATIN
BEER
PUREES
CARBONATED BEVERAGES

TYPICAL USERS

GENERAL FOODS
STANDARD BRANDS
PEPSI COLA CO.
NATIONAL FRUIT
KNOUSE FOODS
CORN PRODUCTS
REFINED SYRUPS & SUGARS
HIRZEL CANNING CO.
BALLANTINE BREWING CO.
AMERICAN SUGAR REFINING CO.
ST. LAWRENCE SUGAR
REFINING CO.
KIRSCH BEVERAGE CO.
GRAF BEVERAGE CO.
CANFIELD BEVERAGE CO.
STEEN SYRUP CO.
SCHAEFFER BREWING CO.
FOREMOST DAIRIES

Call or write us for more information on control of dissolved solids in any food products.



WATERS ASSOC. INC.
45 FRANKLIN ST.
FRAMINGHAM, MASS.

AREA CODE 617 872-6528

NRA Announces New Research Foundation

A new research foundation, devoted to the development of new uses for animal fats and proteins, has been established by the National Renderers Association. This new organization, the Fats and Proteins Research Foundation, will receive over half of all dues collected by NRA to conduct a wide variety of research projects. In addition, expanded research funds will be sought from companies in the rendering, meat packing, poultry processing, meat distribution, livestock and poultry breeding and feeding, and associated service industries.

All activities of the Foundation will be directed toward expanded utilization of animal and poultry fats and proteins. Most projects envisioned will be in the areas of applied or "practical" research, but basic research investigations will also be undertaken.

A full-time director will be named to administer the technical activities of the Foundation. He will be responsible to a Board of Directors made up of persons elected by the NRA, rendering industry participants, and representatives of each of the supporting industry groups.

The Foundation does not plan to operate any facilities of its own, but will originate, finance, and supervise projects at existing contract research centers. In this manner, it is hoped that the greatest possible share of the funds available can be devoted to resultful research instead of the establishment and maintenance of research facilities.

Organizations interested in securing more information about the new Fats and Proteins Research Foundation are invited to direct their inquiries to 30 N. LaSalle St., Chicago, Ill.

• New Products

GLYRA ELECTRONICS CORP., La Grange, Ill., has introduced the Model E-307 Electrometer, which includes features required by research people in fields of gas chromatography, nuclear reactor applications, pH factors, and other areas of electrometer applications. They claim improved performance for gas chromatographs with accurate zero, greater stability, and faster response.

METTLER INSTRUMENT CORP., Princeton, N. J., now offers a new analytical balance with 1200 mg optical range, plus or minus 0.05 mg precision, and direct reading to 0.1 mg for laboratory, production control, and school application.

YEOMANS BROS. Co., Melrose Park, Ill., has introduced a new method of gas-liquid transfer—the Cavitator—which claims to accomplish all phases of gas-liquid contacting, where previously a combination of devices (compressors, blowers, spargers, jet, packed towers, tray towers, plates) may have been required. According to the manufacturer, unique rotor design affords efficiencies in the range of 90-99% in many reactions.

CENTRAL SCIENTIFIC Co., Chicago, Ill., has introduced a new series of single stage vacuum pumps designed to be used for a variety of educational, industrial, and research laboratory tasks. The three Cenco Single Stage Hyvac Pumps have capacities ranging from 79 through 290 liters per min at atmospheric pressure, and guaranteed vacuums from 15-5 μ of mercury. Adjustable gas ballast is available either mounted with choice of motors or unmounted.

THE FOXBORO Co., Foxboro, Mass., has introduced a new chromatographic analyzer geared to on-line control of com-

position. Several unique features are: analyzer accuracy comparable with laboratory devices by close temperature control of the detection system; access to columns and valves, contained in a compartment isolated from the housings; instruments used to check analyzer performance are mounted in the front of the analyzer; and both control and readout operate from a continuous trend type signal.

THE SHARPLES CORP., Philadelphia, Pa., has added a new high speed, high capacity centrifuge to their Super-D-Canter line. Model P-850 was designed for continuous dewatering of crystalline, plastic, fibrous and amorphous materials, solid concentration and liquid clarification, separation of immiscible liquids, and wet classification. It was specifically designed for sealed operation under pressures to 150 psig or vacuums to 28" Hg, at up to 8000 rpm with a separating force of 5,430 x G.

NETHERLANDS CONSULATE GENERAL, New York, N. Y., has recently made available a new Dutch machine (N. V. Plaatwellerij of Velsen) which features highly intensive 3-dimensional mixing of powdered materials. This Dutch unit was designed for chemical, plastics, pharmaceutical, food processing, and baking industries. Standard models of the mixer are equipped with stainless steel drums having capacities of 150, 250, 400, and 600 liters; those of different materials and dimensions made to order. It is now ready for export to the U. S.

RESEARCH SPECIALTIES Co., Richmond, Calif., has announced a new bench-top size, analog to digital converter for general laboratory use. Datascribe can take slowly changing millivolt signal, convert it to a binary decimal code, decode, and print the results in the desired terms. And since its function is accomplished with coded discs that are easily interchangeable, it is readily