

AOCS 43rd FALL MEETING

October 5-8 ★ Leamington Hotel ★ Minneapolis, Minn.

★★ EXHIBITS ★★

AEROGLIDE CORPORATION, Raleigh, N.C. (BOOTH 48). A pegboard display of large photographs illustrating 3,000; 4,000 and 6,000 b.p.h. Aeroglide Soybean Driers. Charts will show put-through rates at various moisture extraction levels for beans going into storage and to processing. Emphasis will be placed on soybean extraction plants that currently utilize Aeroglide driers. Representatives: Bill DeVaney, Vic Oliver, Julian Bunn and H. E. Bland. (See advertisement, page 505A)

ANALABS, INC., North Haven, Conn. (BOOTH 3). Exhibiting: Quality products for gas and thin layer chromatography including: Anakrom solid supports, GC phases, Analytical-grade lipid standards, Silica gel for thin layer, Accessories (syringes, gas driers, flow-meters, tubing, fittings, TLC spray booth). Plus a new line of fine laboratory organic chemicals and the Analabs Flo-grammer. Exhibition Representatives: T. R. Lynn, M. M. Austin, C. L. Hoffman and W. C. Cullen.

APPLIED SCIENCE LABORATORIES, INC., State College, Pa. (BOOTH 10). Exhibiting: high purity lipids; standard lipid mixtures; lipid radiochemicals; Lipopure solvents; the Gas-Chrom line of GC supports; the Column Coiler and HI-EFF Fluidizer; the Chromatofile; Adsorbosil TLC and column adsorbents; Prekotes precoated TLC plates; the TLC Sample Streaker; silylation and esterification reagents. Representatives: Raman Ramachandran and Mel Miller.

APV COMPANY, INC., Buffalo, N.Y. (BOOTH 33) A Model HXU-6 Paraflo Plate Heat Exchanger designed for such applications as the heating and cooling of vegetable oils or soap drying will be exhibited. This unit features asbestos gaskets and can withstand operating pressures of up to 150 psig or 500 F. Representatives: L. J. Bruens and R. T. Gramza.

ARTISAN INDUSTRIES, INC., Waltham, Mass. (BOOTH 4). Exhibiting models of Rotatherm mechanically-aided evaporator, evaporator stripper, Jet-Vac-Steam vacuum systems, also a projector setup showing slides. Bulletins will be available describing Artisan services and equipment for process industry. Representatives: J. L. Baird and L. J. Monty. (See advertisement, page 475A)

BLAW-KNOX COMPANY, Pittsburgh, Pa. (BOOTH 11). The exhibit will feature information on technology, proprietary equipment, and contracting services which Blaw-Knox offers to processors of oil seeds, edible oils, vegetable proteins, and fatty acids. It will emphasize Blaw-Knox's ability to assume total responsibility for design and erection of first-of-a-kind plants. Representatives: K. W. Becker, Robert Good, Lewis Kingsbaker and William Singleton. (See advertisement, page 515A)

CHEMETRON CORPORATION, GIRDLER CATALYSTS AND VOTATOR DIVISIONS, Louisville, Ky. (BOOTHS 36, 37). Representatives will be on hand to discuss edible oil processing systems and equipment and catalysts used in production of fats, oils and fatty acid. Representatives for Votator: N. T. Joyner, E. T. Beck, E. A. Meilun, C. T. Zehnder and V. L. Zehnder. Representatives for Girdler Catalysts: John Benedict, Richard White and Ed Black. (See advertisement, page 487A)

COULTER ELECTRONICS INDUSTRIAL DIVISION, Hialeah, Fla. (BOOTH 30). Featuring the Coulter Counter Model B, the Coulter Photofuge and the Coulter Counter Model T. Representatives: Ed Savant and Jan Newell.

CROLL-REYNOLDS COMPANY, INC., Westfield, N.J. (BOOTH 23). Models, photographs and technical data on vacuum ejectors, chillers and similar equipment. Also, the latest information on Scrub-Vactor will be provided. Representatives: D. H. Jackson, R. L. Tracy and Ben Entwisle. (See advertisement, page 495A)

CROWN IRON WORKS COMPANY, Minneapolis, Minn. (BOOTH 13). The display will explain the Crown extraction system, including photos of the extractor, various installations and pilot model extractor. People are encouraged to send their products for pilot runs in Crown's lab. Various oil samples will also be shown. Representatives: G. D. Brueske and Leroy Venne. (See advertisement, page 497A)

W. H. CURTIN COMPANY, Minneapolis, Minn. (BOOTH 26). Sartorius balances, precision scientific test instruments, Corning PpH meters and laboratory accessories. Representatives: John Flekke, Robert Dusterhoft and Robert Andersen.

DEAN GAMET MANUFACTURING COMPANY, Minneapolis, Minn. (BOOTH 8). Precision all electric samplers and dividers will be featured. The Laboratory Divider will also be shown.

DE LAVAL SEPARATOR COMPANY, Poughkeepsie, N.Y. (BOOTH 47). The exhibit will consist of a non-operating De Laval Contherm, Model 6 × 6, vertically mounted scraped surface heat exchange, complete with operating hydraulic lift power package for raising and lowering the rotor assembly. Sales literature and photographs of Contherm installations will be displayed. Representatives: E. G. Bahret, D. P. Arndtsen, K. W. Klein, B. A. Greenwell, D. E. Hutson, L. S. Crauer, M. Pelosi and D. A. Willis.

EASTMAN CHEMICAL PRODUCTS, INC., Kingsport, Tenn. (BOOTH 43). Featured will be a line of anti-oxidants (Tenox) and monoglycerides. Representatives: G. A. Kirton, E. Ostermeyer, B. M. Luckadoo, J. Hanahan, R. Evans, J. F. Prill, R. L. Edwards, R. E. Sherwin, D. New, P. J. Reilly and V. Reisig. (See advertisement, page 501A)

EMI-ENGINEERING MANAGEMENT, INC., Des Plaines, Ill. (BOOTH 40). Photographs, flow sheets, displays and samples will be exhibited. Bulletins will be available describing products and services such as engineering, contracting, consulting, supply of processes and systems for solvent extraction, oil refining, deodorizing, hydrogenation, fatty acids and protein products. EMI engineers will be available for detailed discussion. (See advertisement, page 459A)

EXTRACTION DE SMET, S. A., Antwerp, Belgium (BOOTH 20). Exhibiting photographs of the De Smet continuous processes for the fat and oil industry. Literature of all the processes will be available. Representative: Luis Spitz. (See advertisement, page 467A)

FRENCH OIL MILL MACHINERY COMPANY, Piqua, Ohio (BOOTH 7). A working model of a stationary basket extractor will be exhibited. Representatives: R. P. Hutchins, W. M. Barger and G. R. Greenbank. (See advertisement, page 499A)

GLENCO SCIENTIFIC, INC., Houston, Tex. (BOOTH 42). Liquid Chromatography equipment featuring eight column diameters from 6mm to 100mm in various lengths for aqueous and organic solvent systems, including fittings, valves, pumps, fraction collectors, and gradient forming apparatus. Gas Chromatography accessories including Sample Injection Syringes (liquid and gas), glass GC Columns, and teflon-stoppered glass sample tubes.

HOFFMANN-LA ROCHE, INC., Nutley, N.J. (BOOTH 41). Featured will be carotenoids (Beta Carotene and Apo Carotenal) used in oils and margarine. Samples of Vitamin E fortified European margarine cartons will be displayed. Representatives: B. Borenstein, R. Christiansen, D. Mohram, F. Rawding, E. Schuller, G. Schutt, J. Sullivan and J. Gage. (See advertisement, page 472A, 473A)

HOWE-BAKER ENGINEERS, INC., Tyler, Tex. (BOOTH 39). Exhibited will be a model of the hydrogen plant and photographic views of this and other types of the company's worldwide installations, including the Auto-still, Hydrostill, sulfur plant, crude oil flow stations and natural gasoline plants. Representatives: Tom Stovall, Sr., Jim Goodwin, Dave Tanner and Al Seroggin. (See advertisement, Cover 3)

HUTCHISON-HAYES INTERNATIONAL, INC., Houston, Tex. (BOOTHS 21, 22). A totally enclosed and aspirated, working Rumba Model No. 1830 will be on view. The background panels will state the capacities of Rumba production models in soybean oil mills. Representatives: V. L. Oliver and W. C. Philipp.

INDUSTRIAL FILTER & PUMP MFG. CO., Cicero, Ill. (BOOTH 6). Displayed will be Type 113 Vertical Tubular Tank Loading and Type 116 Horizontal Plate Filters. A new Oil Skimmer is one of the latest developments in an extensive line of systems including pressure filtration systems of all types, powered and granular adsorbent contacting systems, water supply and conditioning systems, control systems and pollution abatements systems.

ISCO-INSTRUMENTATION SPECIALTIES COMPANY, INC., Lincoln, Neb. (BOOTH 5). The exhibit will feature the complete line of linear and circular series fraction collectors, the Model 380 Dialagrad Programmed Gradient Pump, Ultraviolet Analyzers for liquid flow stream monitoring and a Precision Metering Pump. Also exhibited will be the Model 610 Six Inch Strip Chart Recorder, a power supply, a Dialyzer, and other instruments for laboratory research. Representative: L. H. Newburn.

KELMORE, INC., Newark, N.J. (BOOTH 34). Exhibited will be one model each of the line of Laboratory-Safe Refrigerators, which are explosion safe in the refrigeration chamber. Also shown will be U/L listed Explosion-Proof Refrigerators, which are explosion proof on both the interior and the exterior. Representatives: J. P. Langan and W. E. Matejek.

KENITE CORPORATION, Scarsdale, N.Y. (BOOTH 19). Kenite diatomite filteraids and Kenite precoat filteraids, which are used extensively in the vegetable oil industry, will be displayed. These materials consist of the following: Kenite 100, Kenite 300, Kenite 700, Kenite 1000, Kenite 3000 and Kenite 5500. The Kenite precoat filteraids are: Kenite PC 3, Kenite PC 7 and Kenite PC 25.

LAKELAND ENGINEERING EQUIPMENT COMPANY, Minneapolis, Minn. (BOOTH 18). We will present our capabilities in the design and assembly of Central Control Panels to increase effective control and supervision of individual machines or complete process or both.

MELABS, Palo Alto, Calif. (BOOTH 46). A Coulometric GC Detector for materials containing C, H and O, a

Membrane Osmometer, a Pulse Polarographic Analyzer and a Proportional Temperature Controller will be exhibited. (See advertisement, page 519A)

NEWPORT OF NORTH AMERICA, INC., Philadelphia, Pa. (BOOTH 32). A low cost wide line nuclear magnetic resonance instrument, the Newport NMR Analyzer is intended especially for routine determinations of oil or moisture in a wide variety of foods. Available at less than half the price of any other NMR instrument, the Newport Analyzer is also easier to operate, requires no special skills or previous training, accepts either 2 or 40 ml samples, provides results that are as accurate as $\pm 0.1\%$ in little more than one minute. Representatives: J. E. Tebay and Edward Doyle. (See advertisement, page 517A)

NORTH AMERICAN FILTRATION COMPANY, Upper Saddle River, N.J. (BOOTH 25). Exhibited will be a model of the new Model T (tilting) filter. The Model T features horizontal leaf filtration, vertical leaf cleaning, easy automation, elimination of heel and minimum labor. Representatives: E. J. Brinkmeyer and E. F. Daly.

L. A. SALOMON & BRO., Port Washington, N.Y. (BOOTH 24). Featured will be Norit Activated Carbons in powder, granular and pelletized forms. Other adsorbents, particularly Tonsil active bleaching earth, will also be shown. We invite you to visit our booth to discuss the possible use of these products for your applications and to pick up technical product data. Representatives: H. G. Salomon, A. M. Rosetto, Jr. and J. A. T. de Muynk.

TRACOR, INC., Austin, Tex. (BOOTH 35, 38). Exhibited will be the MT 220 gas chromatograph complete with unique flame photometric detector for specific sulfur and phosphorus response and electrolytic conductivity detection of nitrogen or chlorides, Stone LB 202 total environment DTA system including H-5 subambient unit for determination of solid fat index. Westronics MT recorders. Representatives: M. J. Orvis, T. M. Todd, D. W. Dawson and C. E. Sturgill. (See advertisement, Cover 2)

UDY ANALYZER COMPANY, Boulder, Colo. (BOOTH 2). The Udy Protein Analyzer and method will be displayed and demonstrated by D. C. Udy. This equipment is for users who handle small grains, oilseeds, legumes, fish meal and all dairy products. As a nutritional index, the Udy method has advantages over total nitrogen methods because nutritionally unavailable lysine and non-protein nitrogen are not measured.

UNITED STATES FILTER CORP., Whittier, Calif. (BOOTH 49). The exhibit will feature the heart of the new dry cake discharge filter; the patented cut-off device which discharges cake in a dry form, automatically and fully enclosed, without vibration, regardless of cake thickness, moisture or consistency. Representatives: H. N. Haberstroh, J. R. Barone and T. J. Warning. (See advertisement, page 503A)

VARIAN ASSOCIATES, Aerograph and Cary Divisions, Park Ridge, Ill. (BOOTHS 44, 45). The following instruments will be displayed. Atomic Absorption—Techtron AA5—used to analyze lead in gasoline, catalytic feed stocks, wear elements in lube oil, brines, lube oil additives and geological survey. Dual Capillary Gas Chromatographic System—Aerograph GC, Recorder and automatic integrators used in quality control and research labs for all phases of petroleum chemistry. Representatives: Tom Graham, Bob Francisco, Hugh Harper and Al Thomas.

VARIAN, Palo Alto, Calif. (BOOTH 9). Exhibited will be the Varian PAT-20 Process Analyzer which non-destructively measures per cent moisture, water, fat, oils or glycerides in samples. Using the NMR principle, it provides a more rapid, accurate analysis than previous techniques. It presents results on a digital display or strip chart recorder, or feeds results directly into a computer. Representatives: Robert Abler, E. J. Sheehan, Warren Proctor and L. O. Anderson.