

## • Local Section News

### Northeast Section

Members and associates of the Northeast section will convene in Philadelphia on October 28, 1969. The place of gathering will be at the Franklin Motor Inn at the intersection of Benjamin Franklin Parkway and 22nd Street. The social hour will start at 6:00 P.M. and the dinner is scheduled for 6:45 P.M.

The Chairman of the meeting, Glen Jacobson, informs us that the after dinner lecture on High Speed Liquid Chromatography will be presented to the members in the form of a discussion between John West, Product Manager for Waters Associates, Inc., and W. C. Deans, Product Manager of Liquid Chromatography for Dupont Instruments. Both speakers are recognized leaders in recent advances in fast liquid chromatography. The merits of low pressure techniques versus high pressure column chromatography will be explored. We expect a large turnout from members and their friends.

### North Central Section

The North Central Section held its first meeting of the season, on September 17, 1969, at the Swedish Club of Chicago. Eugene Nesom, Division Manager of the Quality Assurance Division at Swift and Company, presented the predinner talk. Mr. Nesom's talk entitled "Use and Misuse of Product Specifications," discussed the various criteria required for setting up product specifications. He critically reviewed a number of quality control techniques customarily used for setting up specifications in the fats and oils business. Mr. Nesom emphasized that quality should not be influenced by the size of the plant or the production volume.

After dinner, the section president, G. C. Rimnac of Krafco Corp., welcomed the guests to the first meeting. David Erickson of Swift & Co. gave the treasurer's report. An excellent, although quite controversial, film entitled "Eat to Your Heart's Content" was shown. The film, released by the American Heart Association, warns against the excess use of such normally consumed food items as fluid whole milk, ice cream, eggs, butter and high fat-containing meats.

Following the movie, program chairman R. Anderson of Swift & Co. introduced the speaker of the evening, Franklin Schwartz, M.D. Dr. Schwartz commented on the film and gave a quick summary of our present-day knowledge in the field of heart disease and arteriosclerosis. He pointed out that much of the research carried out on arteriosclerosis was not conclusive. According to Dr. Schwartz, more attention should be given to the role that genetics plays in the arteriosclerosis problem. A question and answer period followed the talk, and the meeting was adjourned.

## Old JAOCS Issues?

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## • New Products

A new ITLC Kit available from GELMAR INSTRUMENT COMPANY, Ann Arbor, Mich., offers all materials needed to start using the unique instant thin layer chromatography technique. Three types of ITLC media, in 5 × 20 cm strips, are contained in the kit. Most sensitive and versatile is Type SG (silica gel), used for lipids, barbiturates and steroids. Type SA (silicic acid) is the medium for detection of amino acids, sugars, vitamins and thin layer electrophoresis. Other kit items are a one-piece, solvent-resistant plastic chamber, 50 sheets, 13.6 × 21.9 cm, of reusable saturation pads, a 25 ml bottle of chromatography dye and one aerosol spray can of each of four reagents suitable for most clinical laboratory separations. Among the many substances for which ITLC has been used are lipids, amino acids, steroids, toxins, sugars, VMA and nucleic acids. Detailed instructions for sample preparation, detection methods and chromatography are given in the 187 page illustrated book included in the kit. Speed, convenience and ease of handling are among the advantages claimed for ITLC. Preparation of slurries and coating of glass slides are eliminated and superior separations are obtained in less time than is possible by column and paper chromatography.

LKB INSTRUMENTS, INC., announces the introduction of a new variable speed peristaltic pump to its line of laboratory instrumentation. The LKB 12000 Vario Perpex Pump is a continuously adjustable peristaltic pump covering a range of about 2 to 200 ml/hr with the standard gear box provided with the pump. Other pumping ranges are obtainable by the choice of other standard gear boxes available from LKB. In addition to its continuously adjustable feature this new pump has two switch selectable pumping ranges. One range is from 0.8% to 10%, and the other from 8% to 100% of maximum flow rate. The pumping action is also reversible by a switch.

The development of a new pressure reducing regulator series was announced by TESCOM CORPORATION, Fluid Systems Division, Minneapolis, Minn. Designed for gas sampling systems, pressure transfer systems for corrosive gases or liquids, diffusion furnaces, doping modules, crystal growing, chromatography and ammonia plants, this series is ideally suited for low to medium flow applications of highly corrosive media. The 26-1500 series corrosion resistant regulator may be equipped with an optional preset relief valve with provisions for capturing and venting away the relief fluids.

A new programming unit, the Programmer 300, has been developed by CARLO ERBA S.p.A., Milan, in order to coordinate the automatism assembled on a laboratory gas chromatograph, such as sample injection, column switching valves, attenuator of the detector output signal. The Programmer 300 has five independent useful channels, each regulating the preset operation time. The total analytical time is preset by means of synchronous motors, a wide range of which are available for analysis time from 1 to 60 min per cycle. For more information contact: Carlo Erba S.p.A., Scientific Instruments Division, Via C. Imbonati 24, 20159 Milano, Italy.

A low cost method of ensuring accurate quantitative control of sample streaking for thin layer, preparative layer and paper chromatography has been developed by SHANDON SCIENTIFIC COMPANY, Sewickley, Pa. The new Shandon Sample Streaker after Bacon enables untrained personnel to apply thin, unbroken sample streaks precisely positioned, quantitatively uniform throughout their length, and highly reproducible. Two models are available, one for use with Agla micrometer syringes, and the other for hypodermic or microliter syringes. Each consists of a trackboard with two guide rails, a baseplate with attachments to retain the syringe, and an appropriate syringe drive unit. Conversion kits are also available to enable either model to be used with both types of syringes.

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