

• New Members

Active

Mostafa Banijamali, Associate Professor, University of Tehran, Tehran, Iran.
 William S. Barnes, Chemist, Original Bradford Soap Works, W. Warwick, R.I.
 James D. Barnhurst, Section Head, Colgate-Palmolive Co., New Brunswick, N.J.
 Richard E. Baus, Chemist, Fels and Co., Philadelphia, Pa.
 S. Edmund Berger, Group Leader, National Aniline Division, Allied Chemical, Buffalo, N.Y.
 Robert A. Bergfeld, Chemist, Armour & Company, Chicago, Ill.
 William E. Bissinger, Assistant Director of Research, Pittsburgh Plate Glass, Barberton, Ohio.
 Charles H. Black, Research Associate, Lever Brothers Co., Edgewater, N.J.
 Floyd A. Blankenship, Chemist, Rohm and Haas Co., Bristol, Pa.
 Robert W. Boehnke, Senior Lab Technician, Diamond Alkali Co., Painesville, Ohio.
 Keith A. Booman, Laboratory Head, Rohm and Haas Co., Bristol, Pa.
 Robert P. Brandau, Director of Laboratories, Chemicals Division, Richardson Co., Melrose Pk., Ill.
 William C. Brandenburg, Supervisor Marketing Research, Monsanto Chemical Co., St. Louis, Mo.
 Frank W. Bullard, Chemist, Lever Brothers Co., Los Angeles, Calif.
 Ernest E. Byrn, Research Director, Macdermid Inc., Ferndale, Mich.
 George H. Cadgene, Sales Manager, International Flavors and Fragrances, New York, N.Y.
 William Carasik, Vice President, Technical Director, Ultra Chemical Co., Paterson, N.J.
 Everett Collier, Product Development Engineer, Procter and Gamble Co., Cincinnati, Ohio.
 Gerald Culling, Chemist, E. I. du Pont de Nemours, Pennsgrove, N.J.

Warren G. Cutler, Director of Research, Whirlpool Corp., St. Joseph, Mich.
 Donald O. Dethmers, Chemist, Swift & Co., Chicago, Ill.
 John J. Devlin, Group Leader, Procter and Gamble Company, Cincinnati, Ohio.
 William A. Dimler, Product Development, Celanese Chemical Co., New York, N.Y.
 Robert Drogin, Research Chemist, Esso Research and Engineering Co., Linden, N.J.
 Robert E. Dukeshire, Section Chief, Lever Brothers Co., Edgewater, N.J.
 Gerrit Eijgelaar, Chemist, Admiral Sanitation, Toronto, Ont., Can.
 Elizabeth Fareri, Research Chemist, Gulf Research & Development Co., Pittsburgh, Pa.
 George C. Feighner, Section Supervisor, Continental Oil Co., Ponca City, Okla.
 Walter W. Felt, Product Manager, DeSoto Chemical Coatings Inc., Chicago, Ill.
 William R. Findley, Chemist, Geigy Industrial Chemicals, Ardsley, N.Y.
 Philip A. Froehlich, Applications Research Group Leader, Emery Industries, Cincinnati, Ohio.
 Edward M. Geiser, Market Development, Universal Oil Products, Des Plaines, Ill.
 Donald K. George, Research Project Leader, FMC Corp., Baltimore, Md.
 Thomas F. Gogan, Director of Sales, Monsanto Chemical Co., New York, N.Y.
 Arthur O. Gray, Asst. Manager, Lever Brothers Co., New York, N.Y.
 Raymond A. Greff, Jr., Associate Research Chemist, Continental Oil Co., Ponca City, Okla.
 Cecil Helfgott, Research Chemist, Colgate-Palmolive Co., Jersey City, N.J.
 Aaron B. Herrick, Section Head, Armour & Co., Chicago, Ill.
 Frederick C. Herot, Manager of Sales, Shell Chemical Co., New York, N.Y.
 Stephen G. Hoch, Director of Products Application Laboratory, Malmstrom Chemical Corp., Brooklyn, N.Y.
 Norman N. Hochgraf, Senior Staff Advisor, Esso Research and Engineering Co., Linden, N.J.
 Colin A. Houston, Supervisor, Shell Chemical Co., New York, N.Y.
 Clarence F. Huber, Research Group Leader, Emery Industries Inc., Cincinnati, Ohio.
 Daniel J. Hurley, Research Chemist, Gulf Research and Development Co., Pittsburgh, Pa.
 Calvin L. Immel, Product Supervisor, Archer-Daniels-Midland Co., Minneapolis, Minn.
 Riyadh R. Irani, Senior Research Group Leader, Monsanto Chemical Co., St. Louis, Mo.
 Oscar A. Jimenez, President, Multi Chemical Products, Roosevelt, San Juan, Puerto Rico.
 James A. Johnson, Technical Representative, Wyandotte Chemical Corp., Wyandotte, Mich.
 Robert C. Johnson, Technical Associate, E. I. du Pont de Nemours, Wilmington, Del.
 Charles G. Kamin, Chemist, E. I. du Pont de Nemours, Wilmington, Del.
 Irving Kaplan, Research Chemist, Olin Mathieson Chemical Corp., New Haven, Conn.
 Adriaan Kessler, Section Head, Procter and Gamble Co., Cincinnati, Ohio.
 Milton S. Konecky, Research Associate, Esso Research and Engineering Co., Linden, N.J.
 Stanley E. Kraehler, Senior Research Chemist, E. I. du Pont de Nemours, Wilmington, Del.
 Victor L. Larimer, Research Chemist, Archer-Daniels-Midland Co., Minneapolis, Minn.
 John R. Larson, Research Coordination, Universal Oil Products, Des Plaines, Ill.
 William P. Leary, Sales Manager, Allied Chemical Corp., New York, N.Y.
 Frederick Leighton, Jr., Technical Service Manager, Hooker Chemical Corp., Jeffersonville, Ind.
 Norman W. Ley, Chemical Engineer, Procter and Gamble Co., Cincinnati, Ohio.

FAT/OIL
facts faster!



MODEL 300-LOS

FAT AND OIL TESTER

Steinlite determines either content in just 10 to 15 minutes!

Steinlite offers profitable advantages for these products:

- Frankfurter Emulsions
- Luncheon Meat
- Corn Chips
- Bologna Emulsions
- Deviled Ham
- Pork Sausage
- Flax
- Ground Beef
- Fried Noodles
- Copra
- Potato Chips
- Ground Pork
- Soy Beans
- Trimmings
- Peanuts
- Corn Meal
- Sesame Seed
- Dog Food
- Cottonseed
- Cabbage Seed
- Fish Meal
- Corn Germ
- Castor Beans
- Pumpkin Seed
- Mink Food
- Mafura Beans
- Safflower Seed
- Sunflower Seed
- Rice Bran
- Chocolate

FRED STEIN LABORATORIES, INC.
Atchison, Kansas

Tell Us More!
Write today - Tell us about your product - We'll tell YOU all about STEINLITE, as it applies to your product. No obligation on your part! Just address inquiries to our Fat and Oil Department.

Thomas H. Liddicoet, Senior Research Chemist, Calif. Research Corp., Richmond, Calif.

Raymond L. Liss, Manager of Research, Monsanto Chemical Co., St. Louis, Mo.

Richard S. Logan, Manager, Phillips Petroleum Co., Bartlesville, Okla.

Fred J. Lowes, Group Leader, Dow Chemical Co., Midland, Mich.

William Lozo, Senior Staff Member, Wyandotte Chemical Corp., Wyandotte, Mich.

Andrew M. Lubienski, Technical Representative, Standard Chemical Products, Hoboken, N.J.

Joseph P. Mallee, Senior Product Specialist, F. J. Stokes Corp., Philadelphia, Pa.

A. M. Mankowich, Chemist, U.S. Coatings and Chemical Laboratory, Aberdeen Proving Ground, Md.

Raymond L. Mayhew, Manager Tech. Service and Development, General Aniline and Film Corp., New York, N.Y.

J. Howard McAteer, Senior Chemist, Esso Research and Engineering Co., Linden, N.J.

William J. McGahren, Supervisor, Charles Pfizer and Co., Brooklyn, N.Y.

Patrick J. McNulty, Research Chemist, Rohm and Haas Co., Bristol, Pa.

Joseph A. Meyers, Sr. Research Chemist, Atlantic Refining Co., Glenolden, Pa.

Oscar W. Neiditch, Research Associate, Lever Brothers Co., Edgewater, N.J.

Samuel L. Norwood, Research Chemist, Tennessee Corp., College Park, Ga.

Emil Ott, Research Professor, Stevens Institute of Technology, Hoboken, N.J.

Sherman H. Palmer, Manager, DuBois Chemical Inc., Cincinnati, Ohio.

John T. Patton, Research Supervisor, Wyandotte Chemicals Corp., Wyandotte, Mich.

Tillmon H. Pearson, Research Associate, Ethyl Corp., Baton Rouge, La.

William B. Peskin, Research Chemist, Realistic Co., Cincinnati, Ohio.

Paul O. Peterson, Tech. Service Representative, Stauffer Chemical Co., Chicago, Ill.

Robert J. Pikaar, Senior Technologist, Shell Chemical Co., New York, N.Y.

William C. Powe, Associate Research Chemist, Whirlpool Corp., St. Joseph, Mich.

William J. Raab, Supervisor, Shell Chemical Co., Union, N.J.

Charanjit Rai, Senior Research Scientist, The Pure Oil Company, Crystal Lake, Ill.

Stuart Reynolds, Chemist, E. I. du Pont de Nemours, Penns Grove, N.J.

James M. Rector, Chemist, Union Carbide Chemical Corp., S. Charleston, W.Va.

H. Warren Rees, Senior Technologist, Shell Chemical Co., New York, N.Y.

Virgil J. Richter, Section Head, Colgate-Palmolive Co., Jersey City, N.J.

Robert K. Rigger, Manager, Wyandotte Chemical Co., Wyandotte, Mich.

Robert O. Ruff, Vice President, Pilot Chemical Co., Cincinnati, Ohio.

Martin J. Schick, Senior Research Associate, Lever Brothers Co., Edgewater, N.J.

Henry J. Scholten, Research Engineer, United States Testing Co., Hoboken, N.J.

Ronald E. Schwartz, Process Engineer, Armour Grocery Products, Chicago, Ill.

Samuel M. Schwartz, Sr. Research Chemist, El Paso Natural Gas Prod., El Paso, Texas.

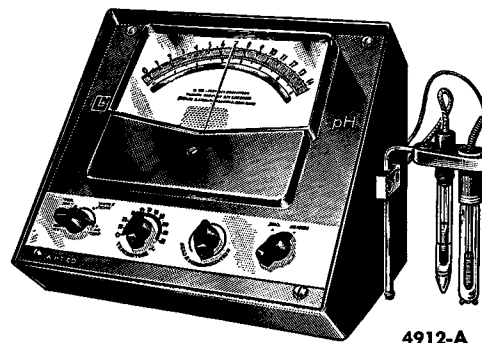
Nicholas F. Scodari, Sr. Research Chemist, The Mennen Co., Morristown, N.J.

Frank Scotti, Research Chemist, American Cyanamid Co., Stamford, Conn.

Daniel F. Scully, Chief Chemist, Universal Chemical Co., Central Falls, R.I.

L. W. Seigle, Manager, Allied Chemical Corp., New York, N.Y.

Stabilized, Line Operated... Leeds & Northrup pH METER



4912-A

- **Stable, drift-free circuit**
- **Fast, direct reading**
- **Large 7-inch scale**
- **Portable metal case**

A new, stabilized line-operated instrument, range pH 0 to 14 accurate to ± 0.07 pH, reproducible to 0.02 pH. Millivolt ranges 0 to ± 700 mv and 0 to ± 1400 mv, accurate to ± 5 mv and ± 10 mv, respectively.

Stability. Feedback-stabilized circuit unaffected by changes in normal line voltage or amplifier gain. No appreciable zero drift after warm-up.

Fast Response. After one-minute warm-up, pointer moves *directly* to reading, without drift, in less than 2 seconds.

Large Scale. Mirrored 7-inch scale. Millivolt zero can be placed at any point.

Unbreakable Metal Case. Steel, with epoxy and vinyl finishes. Built-in hand grip provides ease in carrying.

Convenient Operation. Sloping front control panel for maximum accessibility from any position. Terminal board on back provides for grounding and for convenient connection of electrodes, adapter for polarizing current, automatic temperature compensator, and recorder.

Manual or Automatic Temperature Compensation. A dial 0 to 100°C provides for manual adjustment to sample temperature. Automatic compensation requires Thermohm® accessory.

Versatility. Substitution of platinum electrode for glass electrode adapts instrument for redox measurements. Polarizing adapter for Karl Fischer or similar dead-stop titrations is available.

4912-A. Leeds & Northrup pH Meter, Model 7401-A1, as described, with 5-inch glass and calomel electrodes with 24-inch leads; electrode holder, 1 pt. buffer solution pH 6.86; 4 oz. KCl cryst.; and directions for use. With 3-wire cord, 3-prong plug and adapter. For 120 volts, 50 or 60 cycles. **330.00**

Bulletin E-96 sent upon request.



ARTHUR H. THOMAS CO.

Scientific Apparatus

VINE STREET AT 3RD

PHILADELPHIA 5, PA., U. S. A.