Annual Equipment Issue

Production and Use of High Centrifugal Fields: J. W. Beams.......................... 619
Seimilation Spectrometer with Improved Response: P. E. Bell.................. 625
Instrumental Drift: W. J. Youden ...................................................... 627

News and Notes
International Instrument Conference; Regular Departments; and New Instruments ................................................................. 648

Book Reviews
History of Mechanical Inventions; Physics of Experimental Method; Microtomist's Formulary and Guide; Instrumental Analysis; Adhesive Bonding of Metals; Design and Use of Instruments and Accurate Mechanism; Spot Tests; Semimicro Qualitative Analysis; Isotopic Tracers; Industrial Stoichiometry; Induction and Dielectric Heating; Nuclear Reactors for Industry and Universities; Text-Book of Macro and Semimicro Qualitative Inorganic Analysis; Laboratory Instruments 656

Technical Papers
Paper Chromatography for Identifying Air Pollutants: B. D. Tebbens and J. D. Torrey .................................................. 662
Homogenizer for Continuous Homogenization: E. S. Harris and J. W. Mehl ...................... 663
New Stereotaxic Instrument for Use with the Rat: E. Stellar and N. P. Krause ....................... 664
New Method of Presentation of Food Samples to the Hunter Color and Color Difference Meter: A. P. Sidwell and R. F. Cain ............................. 666
Improved Homogenizer for Plant Tissues: D. E. Schlegel and T. E. Bawlin ..................................................... 667
New Techniques for the Study of Restoration of Compacted Soil: M. E. Garner and D. Telfair .................................................. 668
New Design of Ultrafiltration Apparatus: R. Blum and G. L. Miller ............................ 669
Adaptable Time Switch: F. Munger .................................................................. 671
Apparatus for Producing Drops of Uniform Size: A. C. Bayner and H. Hurtig...................................................... 672
Semiautomatic Device for Washing Tissues: H. Monsen and R. F. Bouldin ................................. 673
Versatile Anaerobic Spectrophotometer Cell: A. Lazarow and S. J. Cooperstein ...................... 674
New Electrophoresis Cell for Dual Analysis: H. Corey and J. O'reakes ........................... 675

Communications
Simple Manual Pipette for Toxic Reagents: H. Eisenberg ........................................ 677
Constant Current or Constant Voltage? S. Raymond ........................................... 677
Glass-Fiber Paper Impregnated with Silicic Acid as a New Chromatographic Tool: J. W. Dieckert and E. Bierer .................................................. 677

Instrumentation—Revolution in Industry, Science, and Warfare ........................................ 15A
Meetings & Conferences ............................................................................. 22A-25A

AMERICAN association FOR THE ADVANCEMENT OF SCIENCE