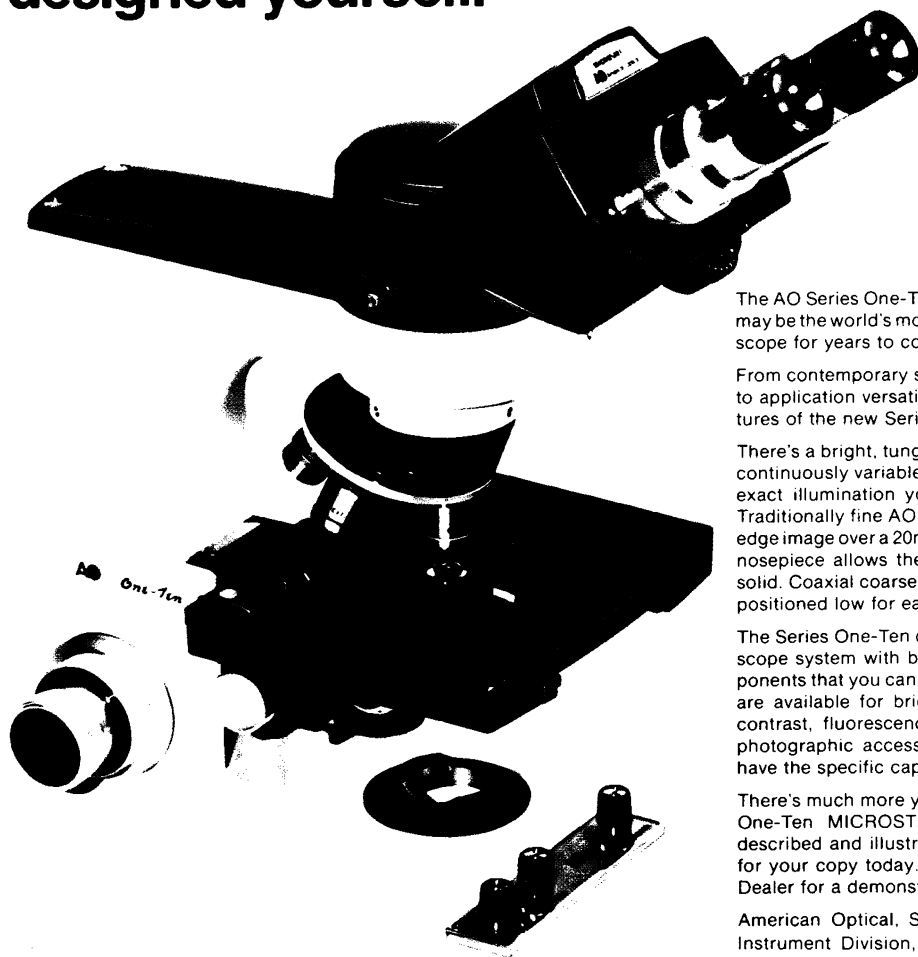


AO

...the laboratory microscope you might have designed yourself.



The AO Series One-Ten MICROSTAR® Microscope may be the world's most advanced laboratory microscope for years to come. And it's here now.

From contemporary styling and smooth, rich finish to application versatility, you'll like the design features of the new Series One-Ten in every way.

There's a bright, tungsten-halogen illuminator with continuously variable intensity control to select the exact illumination you need for every specimen. Traditionally fine AO optics give you a flat edge-to-edge image over a 20mm field of view. The focusable nosepiece allows the stage to remain secure and solid. Coaxial coarse and fine focusing controls are positioned low for easy use.

The Series One-Ten offers a total laboratory microscope system with building block technique components that you can add as you need them. Models are available for brightfield/darkfield. Add phase contrast, fluorescence, dual view, multiview and photographic accessories. The One-Ten lets you have the specific capability you want.

There's much more you'll like about the new Series One-Ten MICROSTAR Microscope. Details are described and illustrated in a new brochure. Send for your copy today. Or, even better, ask your AO Dealer for a demonstration.

American Optical, Scientific
Instrument Division,
Buffalo, NY 14215.

AO
American
Optical

Fermenter? Non-Fermenter?



... unique data base derived from the study of over 150,000 API 20E results

API 20E.... computerized interpretation of biochemical tests resulting in unsurpassed accuracy in bacterial identification

API 20E.... unique data base derived from the study of over 150,000 API 20E results

API 20E, THE ONE SYSTEM THAT DOES THE WORK OF TWO

FOR A DEMONSTRATION IN YOUR LABORATORY WRITE OR CALL TOLL FREE: 800-645-4958

api® ANALYTAB PRODUCTS
Division of Ayerst Laboratories
200 Express St., Plainview, N.Y. 11803
(516) 433-0620

In Canada
API LABORATORY PRODUCTS LTD.
4008 Cote Vertu, St. Laurent, P.Q. H4R 1V4
(514) 336-7321

A Major
Advancement
In Clinical Mycology

PROFILE
INDEX

API 20C

CHARLES C THOMAS • PUBLISHER

● BASIC LABORATORY PROCEDURES ● IN DIAGNOSTIC VIROLOGY

By **Mary L. Christensen**, *Northwestern Univ. Medical School, Chicago*. A detailed outline of the most fundamental and routinely used techniques of diagnostic virology is presented. Covering the two major approaches to the laboratory diagnosis of viral disease, this book is designed not only as an initial training manual, but also as a daily reference for microbiologists, medical technologists, technicians and other laboratory personnel.

Theoretical concepts, classification and nomenclature are discussed in an introductory chapter. The first main section then describes techniques for obtaining cell cultures, constituents and types of cell cultures, precautions, detection of viral replication, and mathematical determination of endpoints of infectivity titrations. Specimen processing, maintenance, and interpretation are thoroughly discussed.

The second section stresses serologic diagnosis of viral infections by the microtitration complement-fixation (CF) test. Theory is included along with descriptions of antibodies and antigens, antibody-antigen reactions, and controls. Step-by-step methods for preparation and preliminary titrations of the CF test reagents are explained. Procedures for screening sera against a variety of etiologic agents and methods for determining levels of serum antibody are given. Directions are provided for reading the tests and their controls, and for interpretation of results. '77, 128 pp., 4 il., 23 tables, \$9.75, spiral (vinyl)

THE COLOR ATLAS OF INTESTINAL PARASITES (7th Ptg.) by **Francis M. Spencer**, *San Angelo Medical and Surgical Clinic, San Angelo, Texas*, and **Lee S. Monroe**, *Scripps Clinic and Research Foundation, La Jolla, California*. Foreword by **Ernest Carroll Faust**. Retaining the excellent features of the Revised Sixth Printing, this atlas presents a virtually complete series of original photomicrographs in full color, demonstrating characteristic morphology and diagnostic forms of the important intestinal parasites of man. Revised information on the use of serology in parasitic diseases, updated figures throughout the text, and additional full color illustrations are also preserved. '77, 176 pp., 282 il. (248 in color), 1 table, \$17.75

THE PRACTICAL USE OF THE MICROSCOPE: Including Photomicrography (2nd Ptg.) by **George Herbert Needham**. This work includes descriptions and critical evaluations of many types of microscopes, accessories and equipment, and instructions for their use. Written for comprehension by both the novice and the expert, the text details ultramicroscopes, fluorescence microscopes, ultraviolet and reflecting microscopes, and electron and polarizing microscopes. Photomicrography and microprojection are also emphasized. Remaining chapters discuss testing objectives, Nelson and Kohler illumination, various filters, crystal systems, and many other topics. '77, 520 pp. (6 3/4 x 9 3/4), 292 il. (2 in color), \$21.50

PROTOZOOLOGY (5th Ed., 3rd Ptg.) by **Richard R. Kudo**. This book is a most comprehensive guide to all aspects of protozoology. Basic information on the common and representative genera and species of both free-living and parasitic protozoa is emphasized. The first section introduces general biological information, including ecology, morphology, physiology, reproduction, variation and heredity. The main section covers taxonomy and special biology of the entire spectrum of protozoa. Numerous lucid illustrations amplify the text. '77, 1,188 pp., 2,291 il. (42 in color), 10 tables, \$24.75

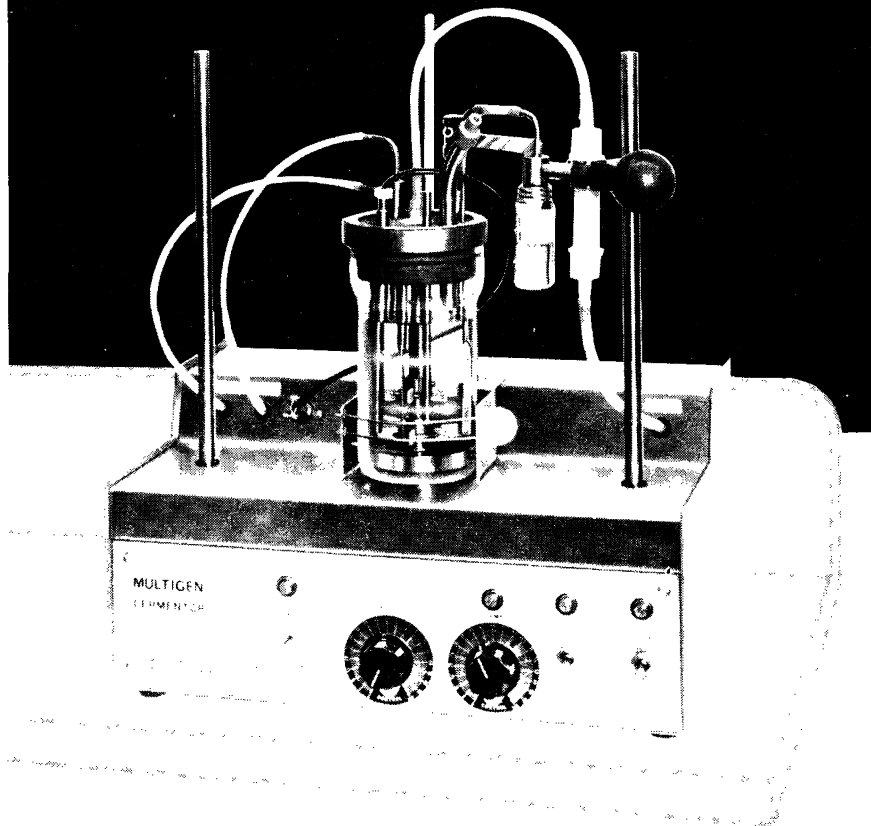
A SOURCE-BOOK OF BIOLOGICAL NAMES AND TERMS (3rd Ed., 6th Ptg.) by **Edmund C. Jaeger**, *Riverside College, Riverside, California*. The main body of this reference work is composed of some 12,000 entries listing biological and scientific words, names, word elements, combining forms, prefixes and suffixes. Each entry lists the origin of the word or word element (Greek, Latin or other origin), its literal meaning, and examples of usage in biology and science. '78, 360 pp. (6 1/4 x 9 1/2), 106 il., \$9.75

THE EPIDEMIOLOGY OF HUMAN MYCOTIC DISEASES edited by **Yousef Al-Doory**, *George Washington Univ., Washington, D. C.* Foreword by **Michael L. Furcolow**. (19 Contributors) '76, 364 pp., 24 il., 60 tables, \$26.50

Orders with remittance sent, on approval, postpaid

301-327 East Lawrence Avenue • Springfield • Illinois • 62717

YOU NAME IT...
this one liter fermentor has it



The MultiGen is a low cost culture apparatus designed for the control of all basic environmental conditions: temperature, agitation, aeration, pH, and dissolved O₂. Whether the need is for viscous microbial cultures or animal cell suspensions, air sparging or gas overlay, the MultiGen can be adapted to specific research requirements, and can provide an ideal alternative to spinner flask procedures.

Virtually every component is supplied in one compact assembly; glassware, tubing, penetrations, air filter and sampler. It even has its own built-in air pump, heating system, and facilities for cooling, as well as a choice of agitation systems. The impellers are magnetically coupled to eliminate contamination.

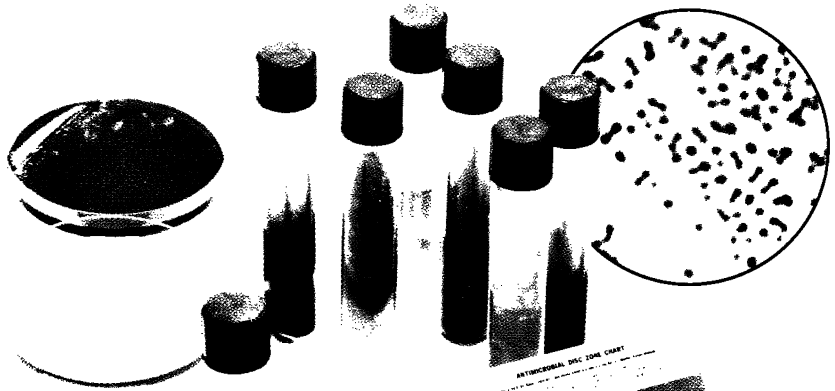
ASK FOR BULLETIN F1000/AM478



NEW BRUNSWICK SCIENTIFIC CO., INC.

P.O. BOX 986 • 44 TALMADGE ROAD, EDISON, NEW JERSEY 08817

At NBS Advanced Technology is a Way of Life



Seeing is believing with BACTROL DISKS

You want the assurance that you are observing valid test results. That is why you probably make frequent use of reference cultures.

We do not know of a better way. We do know a better form.

BACTROL DISKS

Bactrol Disks are stable, standardized, single-use cultures of bacteria that have been specifically selected for quality control of many bacteriological reagents and procedures.

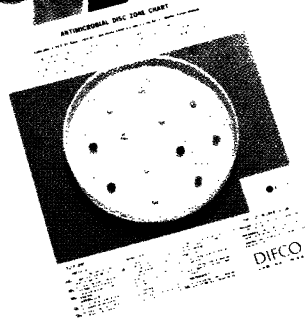
Bactrol Disks are supplied in sets.

Set A consists of 10 cultures that cover a broad spectrum.

Set B consists of the cultures specified for the control of Antibiotic Susceptibility

Tests by the Kirby-Bauer procedure.

Additional sets will be available to meet expanding requirements.



DIFCO
LABORATORIES



Descriptive literature available on request.