images up to 10 feet across

even under oil-immersed objectives

Because of the virtually solar intensity of the Scopicon's high-pressure mercury arc, you can project sharply detailed images up to ten feet across even under oil-immersed microscope objectives. The light's white color demonstrates the various biological stains to their best advantage.

The Scopicon is highly adaptable — can be used with equal convenience for small-group study in a normally lit room, or for exhibition to large groups in a darkened auditorium. Let us send you the brochure describing this versatile instrument.

Scopicon
micro-projection equipment

COPICON, Inc. 215 E. 149th ST. NEW YORK 51, N. Y.
New Sealed Accessories
FOR CENTRIFUGING INFECTIOUS MATERIALS

Purpose
Laboratory administrators interested in the health of their laboratory personnel have recently become concerned with infectious aerosols sometimes encountered during centrifuging. Infectious materials sealed in centrifuge tubes or bottles quickly become airborne when they are released by a leak or fracture of the container due to high centrifugal forces. The natural draft created by the fan action of the rotating head acts to distribute the material through the laboratory.

Approach
International Equipment Company engineers have adapted standard accessories to permit sealing of the centrifuge cup. To insure maximum safety, the scientist having completed centrifuging removes the sealed container to a hood for opening. In those instances where a leak or fracture has allowed the material to contaminate the container, immediate decontamination steps may be taken.

Solution
A series of accessories based upon the Hi-speed 250 ml. slotted cup has been designed. The standard cup is threaded to take a dome cover fitted with an O-ring seal. The cup holds one of the standard round or flat bottom 250 ml. centrifuge bottles. Adapters are available for holding: 2–50 ml. centrifuge tubes; 7–15 ml. centrifuge tubes; and 10–13 x 100 mm. serum tubes.

<table>
<thead>
<tr>
<th>Centrifuge</th>
<th>Head No. Cups</th>
<th>R.P.M.</th>
<th>R.C.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1, Model SBV</td>
<td>277</td>
<td>4</td>
<td>3000</td>
</tr>
<tr>
<td>Size 2, Model V...</td>
<td>277</td>
<td>4</td>
<td>2900</td>
</tr>
<tr>
<td>Size 2, Model V...</td>
<td>266</td>
<td>6</td>
<td>2300</td>
</tr>
<tr>
<td>Model PR-1.......</td>
<td>284</td>
<td>4</td>
<td>2400</td>
</tr>
</tbody>
</table>

2734 — Duralumin Cup, 250 ml., with screw dome cover and gasket, including 582 rubber cushion — $36.00.

2738 — Wrench, spanner type for tightening screw dome on 2734 — $1.75.

2741 — Adapter, 2-place, for 50 ml. centrifuge tubes, fits 2734 or any standard IEC 250 ml. centrifuge cup — $4.50.

989 — Adapter, 7-place, for 15 ml. centrifuge tubes, fits 2734 or any standard IEC 250 ml. centrifuge cup — $18.00.

2740 — Adapter, 10-place, for 13 x 100 mm. serum tubes, will fit 2734 or any standard IEC 250 ml. centrifuge cup — $21.50.

277 — Head, 4-place, steel pin type for 2734 or 384 cups — $63.00.

266 — Head, 6-place, steel pin type for 2734 or 384 cups — $95.00.

284 — Head, 4-place, steel pin type for 2734 or 384 cups — $67.00.

OBTAINABLE NOW FROM YOUR LABORATORY SUPPLY DEALER
NEWEST!
SAFEST!
MOST FOOLPROOF
GUARANTEED MICROSCOPE

Radio-Active STEROIDS

IMMEDIATELY AVAILABLE

ESTRONE 16-C\(^{14}\)
- Activity per mg.
- 2.7 microcuries
- Price per mg. $50.00

ESTRADIOL 16-C\(^{14}\)
- Activity per mg.
- 2.7 microcuries
- Price per mg. $65.00

PROGESTERONE 21-C\(^{14}\)
- Activity per mg.
- 2.25 microcuries
- Price per mg. $40.00

DESOXYCORTICOSTERONE ACETATE 21-C\(^{14}\)
- Activity per mg.
- 2.25 microcuries
- Price per mg. $40.00

For these forms and other information, write to:
Charles E. Frosst & Co. . . . P.O. BOX 247
PHARMACEUTICAL and CHEMICAL MANUFACTURERS
MONTREAL, CANADA

G.A.B. Interference Filters
(Made in Switzerland)
for isolating narrow spectral bands

Spectral Range: 400-900 millimicrons
Spectral Width: 12-15 µm, Transm.: 45-50%
Size: 2" x 2". Other sizes on order.

For Flame Photometry and Color Densitometry
Microscopy and Photomicrography
Colorimetry and Fluorimetry
also in reflectometry, light scattering measurements,
microcolorimetry, refractometry, polarimetry, and in all
other fields requiring monochromatic light in the visible
and near-infrared range.

Write for Bulletin #180 to
PHOTOVOLT CORP.
95 Madison Ave.
New York 16, N. Y.

MODEL GB, STUDENT MICROSCOPE
Designed to be as foolproof as possible even in the
beginners hands. Base extends beyond objectives
thereby protecting parfocalism—also other safety
features.
Write for descriptive circular.
Old microscopes accepted in trade

MODEL GB, EQUIPPED AS FOLLOWS:
10x Huyghenian Ocular
Achromatic Objectives:
16 mm (10x) and 4 mm (44x)
Double dustproof Nosepiece
Disc Diaphragm
Plano-concave Mirror
$118.00 each. Less 10% on 5 or more

THE GRAF-APSCO CO.
5868 Broadway
Chicago 40, Ill.
Cambridge pH Meters

The three portable models illustrated above incorporate new and important advantages. A.C. line operation eliminates battery nuisance. Laboratory and Research models use electron-ray tube for precise null-point indication. Industrial model is direct-reading, continuous-indicating; ruggedly built for plant use.

Accuracy: Research .02 pH, Laboratory .05 pH, Industrial .10 pH.
Cambridge pH equipment also includes single- and multi-point indicators and recorders. Send for Bulletin 910-M.

CAMBRIDGE INSTRUMENT COMPANY, INC.
3748 GRAND CENTRAL TERMINAL, NEW YORK 17, N. Y.

Pioneer Manufacturers of
PRECISION INSTRUMENTS
Diversified Uses... Uniform Results...

CF RATS

- For years CF RATS have been used with outstanding success in a wide range of research... a fact well evidenced by the continually increasing demand for them.
- Should your work require the use of rats we urge that you consider the proven dependability and versatility of CF RATS
- For further information please write:

CARWORTH FARMS, INC.
NEW CITY, ROCKLAND COUNTY, N.Y.

JOSIAH MACY, JR. FOUNDATION

Announces three new publications

NERVE IMPULSE. Transactions of the Fourth Conference. Edited by: David Nachmansohn, Associate Professor of Neurology, Columbia University College of Physicians and Surgeons. $4.00

PROBLEMS OF CONSCIOUSNESS. Transactions of the Fourth Conference. Edited by: Harold A. Abramson, Assistant Professor of Physiology, Columbia University College of Physicians and Surgeons $3.25

METABOLIC INTERRELATIONS. Transactions of the Fifth Conference. Edited by: Edward C. Reifenstein, Director of Biological and Therapeutic Research, The Schering Corporation. Price to be Announced.

JOSIAH MACY, JR. FOUNDATION PUBLICATIONS
SALES OFFICE: P.O. BOX 575, PACKANACK LAKE, NEW JERSEY
Please make checks payable to Josiah Macy, Jr. Foundation